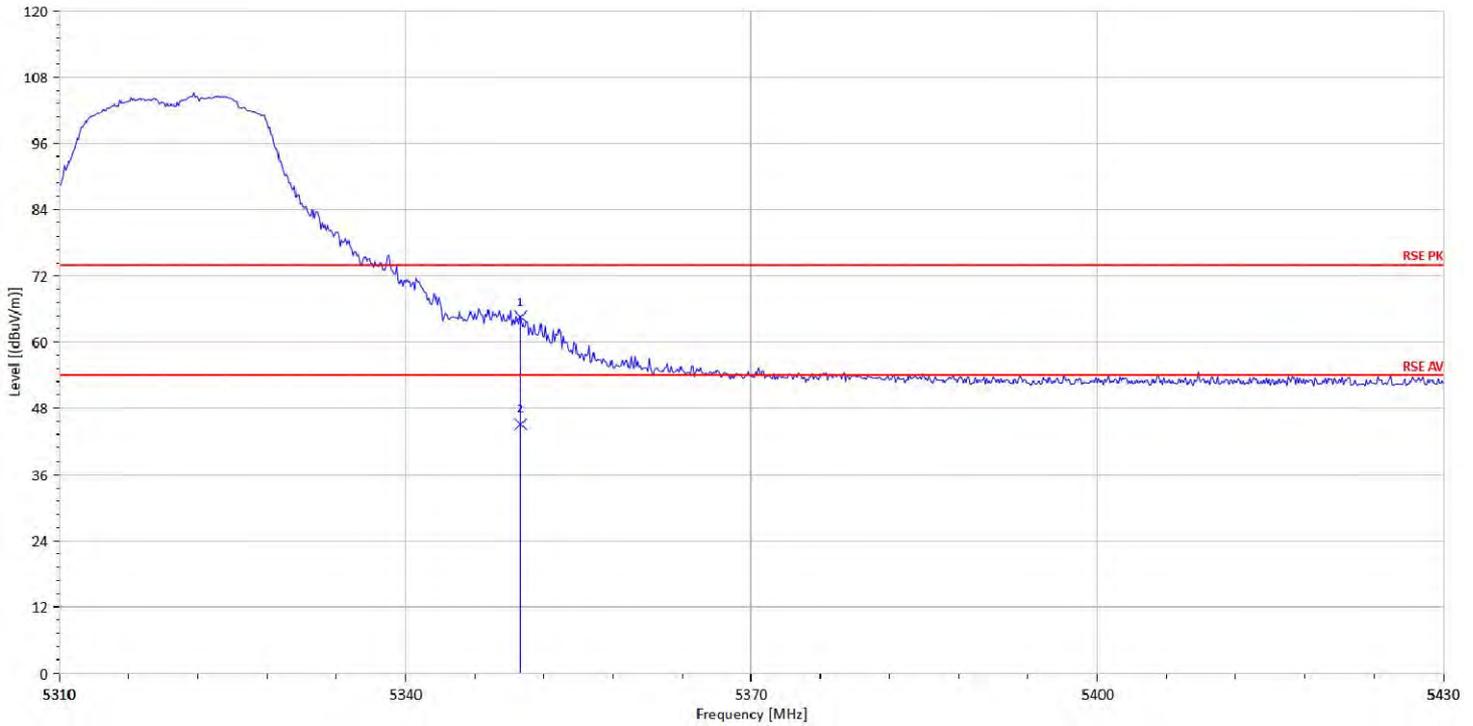


Operation Mode :	802.11a	Test Date :	2017/2/18
Fundamental Frequency :	5320 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



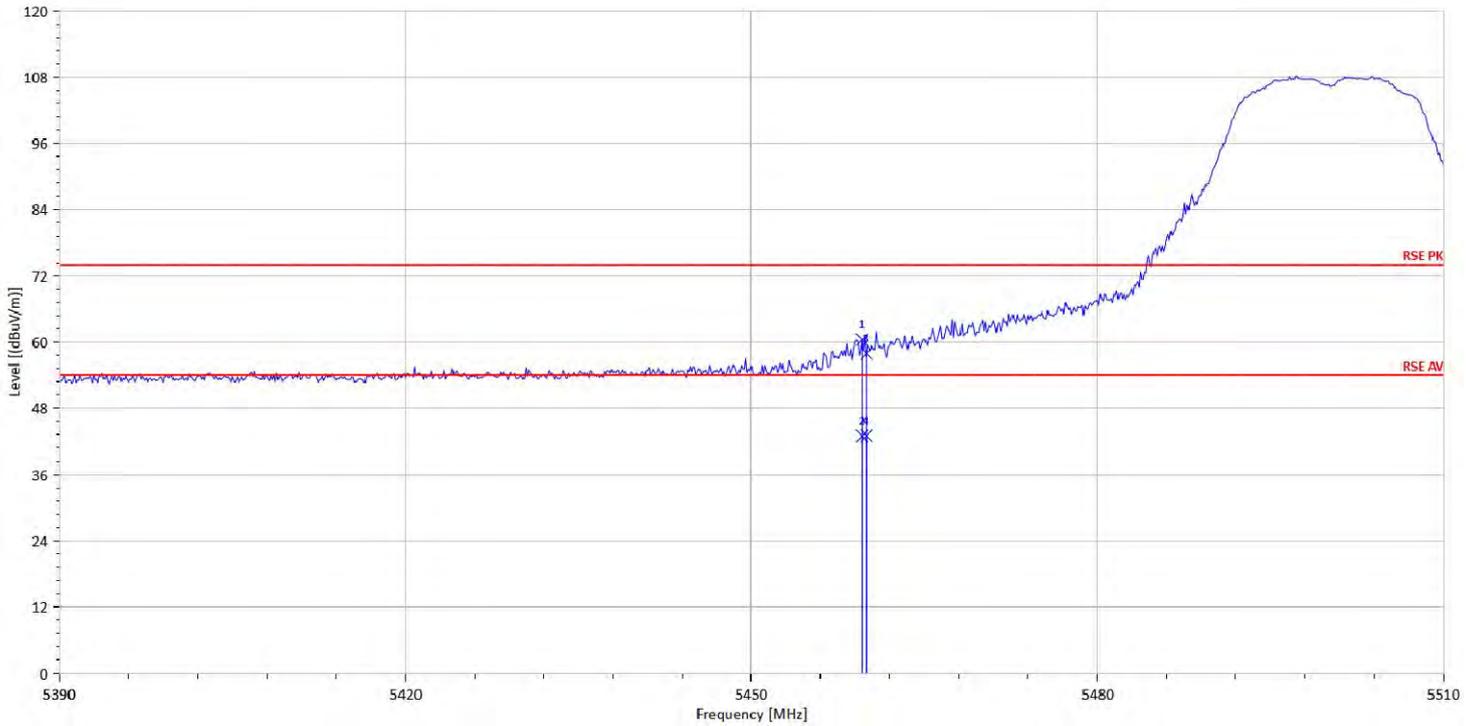
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5350.00	E	Peak	55.61	8.96	64.58	74	-9.42
5350.00	E	Average	36.17	8.96	45.13	54	-8.87

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Operation Mode :	802.11a	Test Date :	2017/2/18
Fundamental Frequency :	5500 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



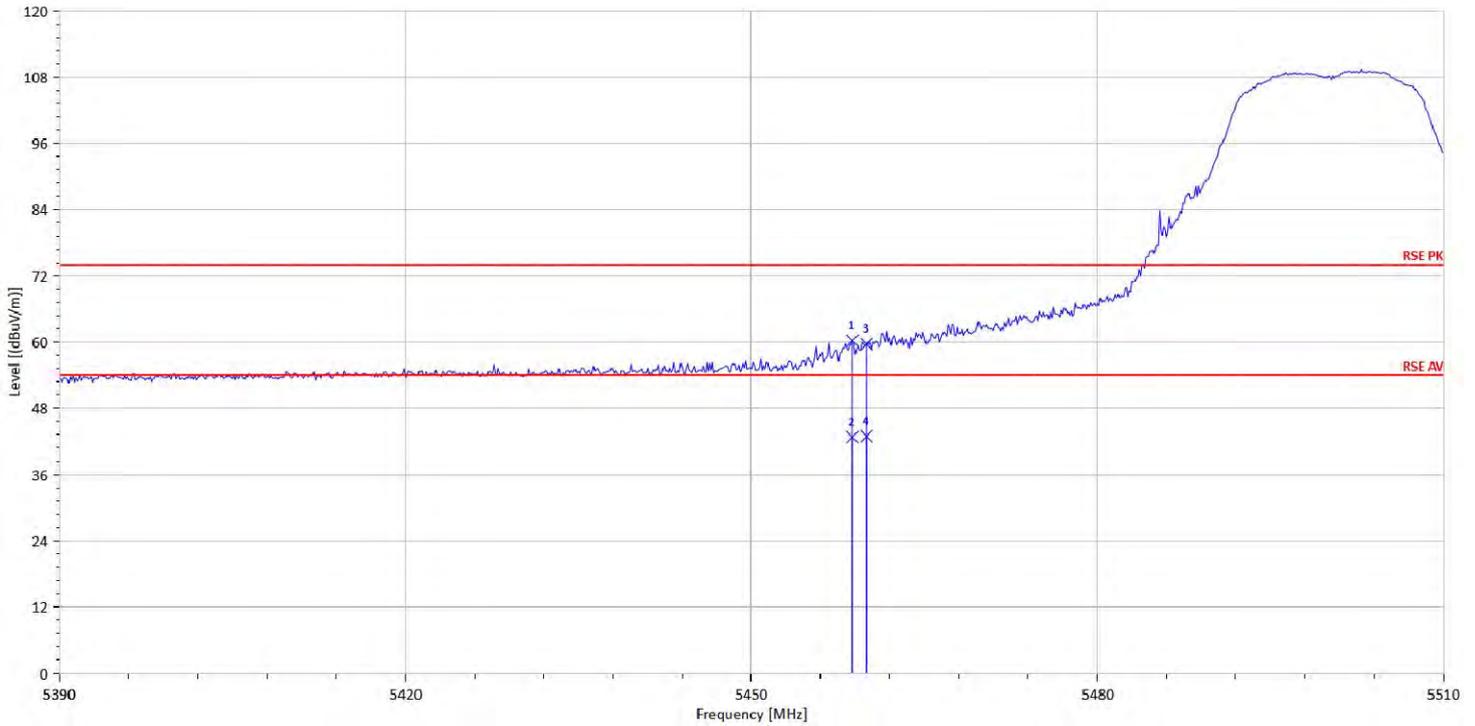
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5459.60	S	Peak	51.56	8.89	60.44	74	-13.56
5459.60	S	Average	34.09	8.89	42.98	54	-11.02
5460.00	E	Peak	49.08	8.88	57.96	74	-16.04
5460.00	E	Average	34.15	8.88	43.03	54	-10.97

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Operation Mode :	802.11a	Test Date :	2017/2/18
Fundamental Frequency :	5500 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



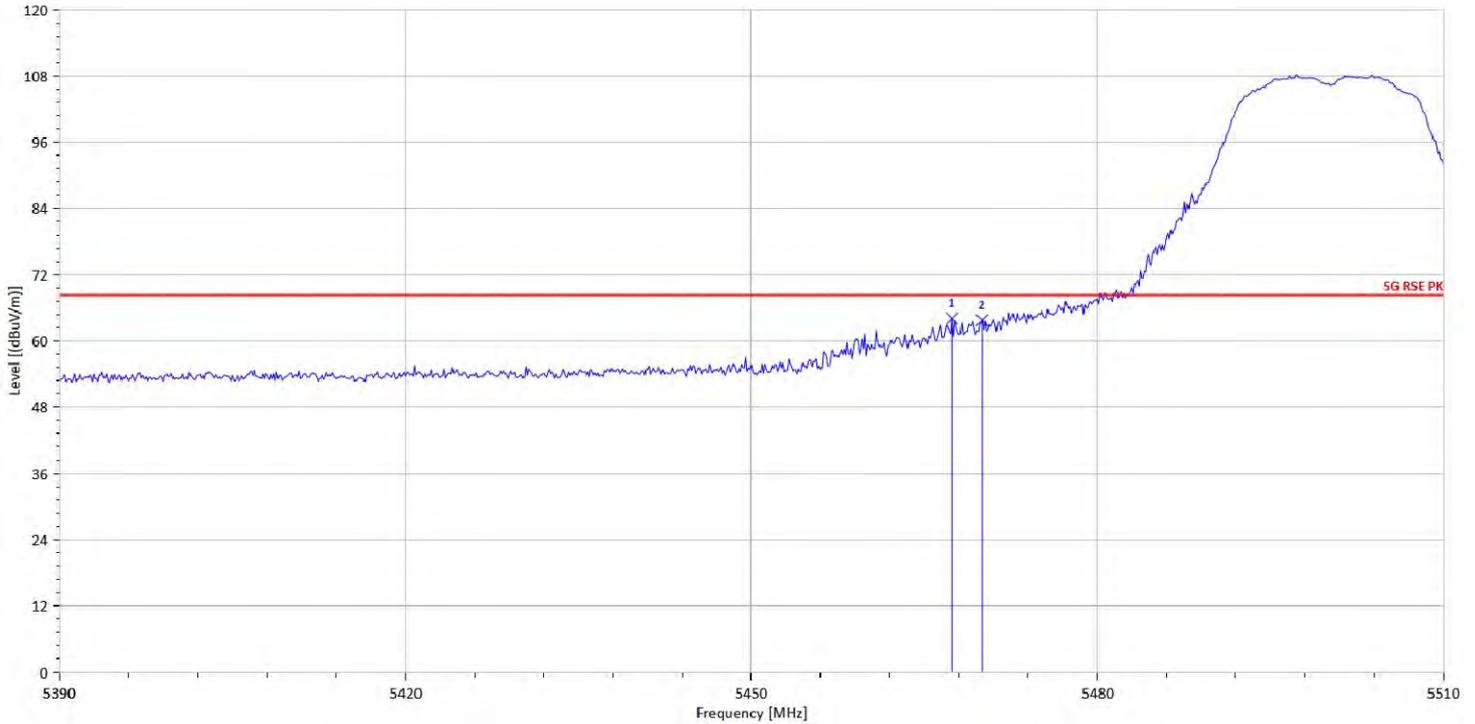
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5458.76	S	Peak	51.36	8.89	60.26	74	-13.74
5458.76	S	Average	33.89	8.89	42.78	54	-11.22
5460.00	E	Peak	50.75	8.88	59.63	74	-14.37
5460.00	E	Average	34.05	8.88	42.93	54	-11.07

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Operation Mode :	802.11a	Test Date :	2017/2/18
Fundamental Frequency :	5500 MHz	Temp. / Humi. :	22.7 deg_C/57RH
Operation Band :	BE CH Low RSE	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



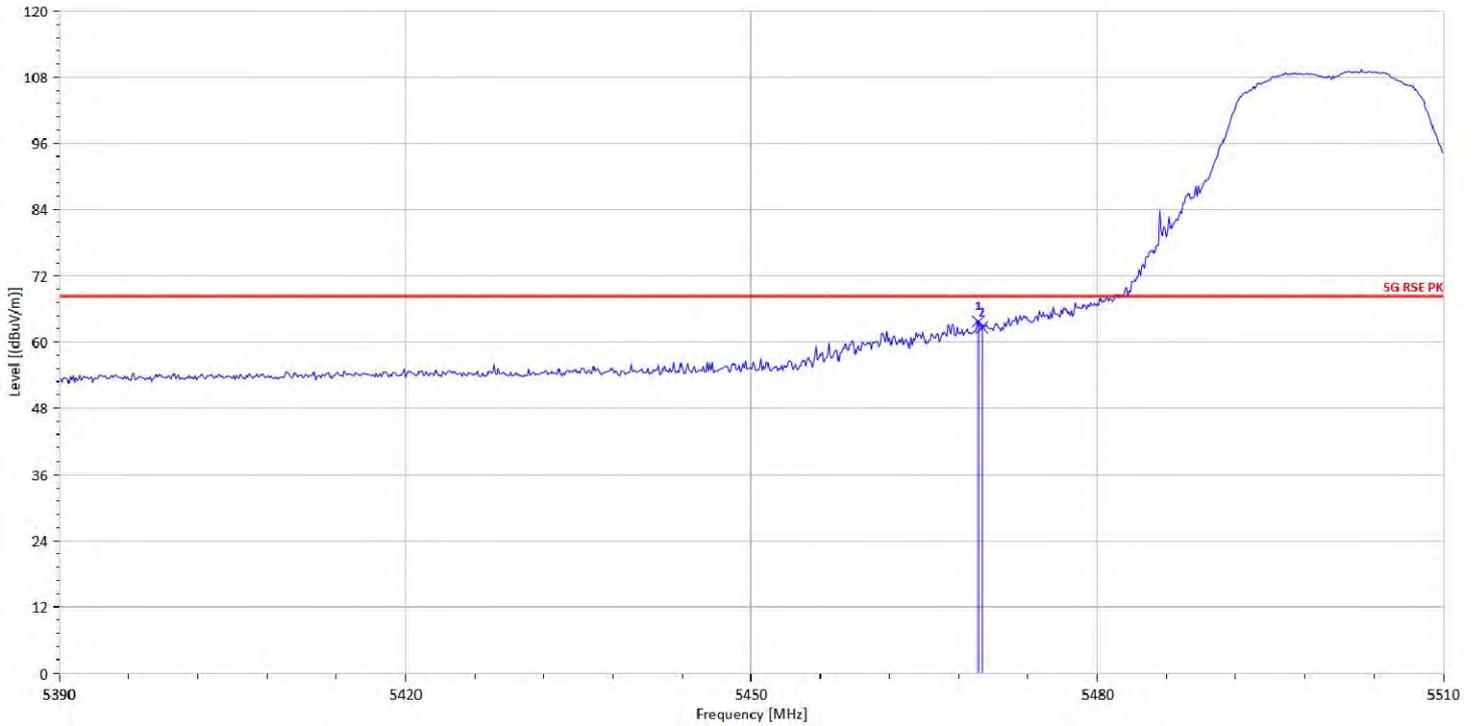
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5467.40	S	Peak	55.27	8.81	64.08	68.3	-4.22
5470.00	E	Peak	54.98	8.79	63.76	68.3	-4.54

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Operation Mode :	802.11a	Test Date :	2017/2/18
Fundamental Frequency :	5500 MHz	Temp. / Humi. :	22.7 deg_C/57RH
Operation Band :	BE CH Low RSE	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



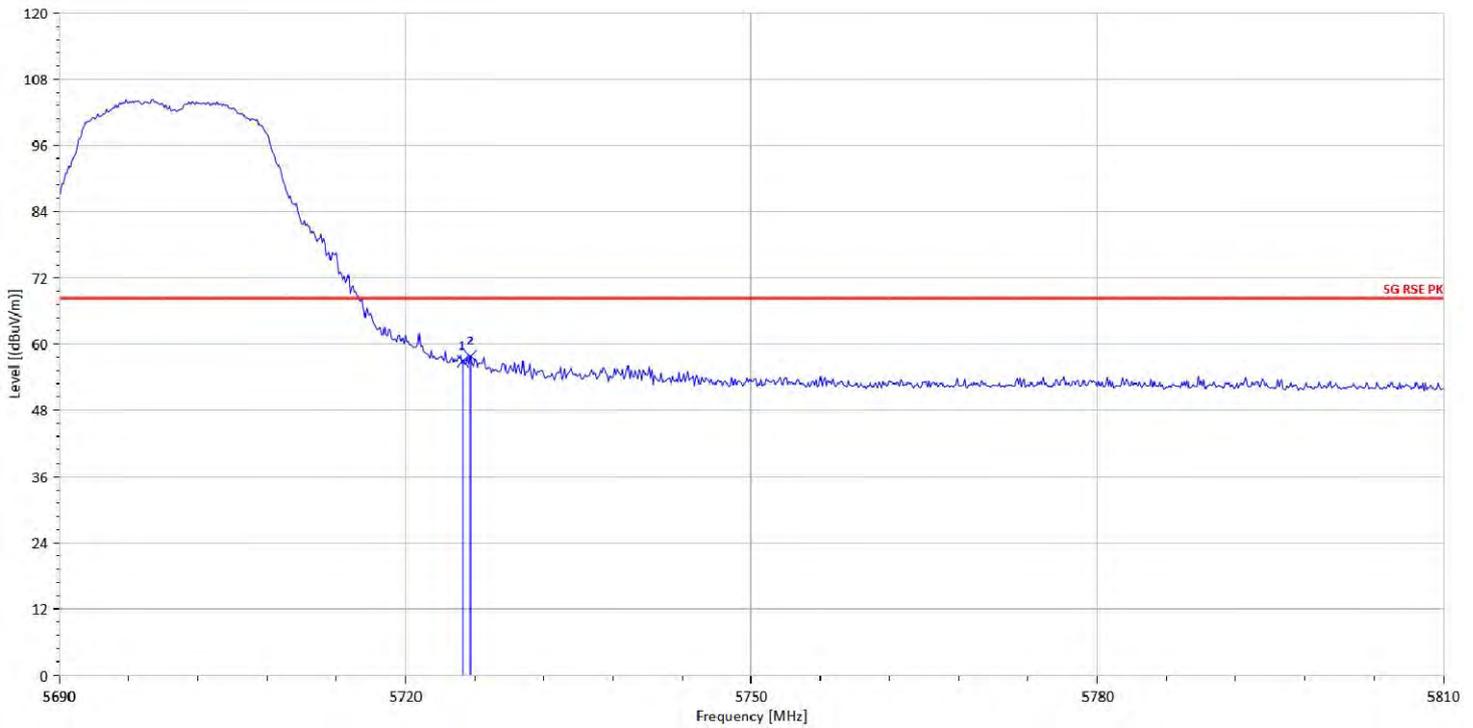
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5469.68	S	Peak	54.96	8.79	63.75	68.3	-4.55
5470.00	E	Peak	53.89	8.79	62.68	68.3	-5.62

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Operation Mode :	802.11a	Test Date :	2017/2/18
Fundamental Frequency :	5700 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



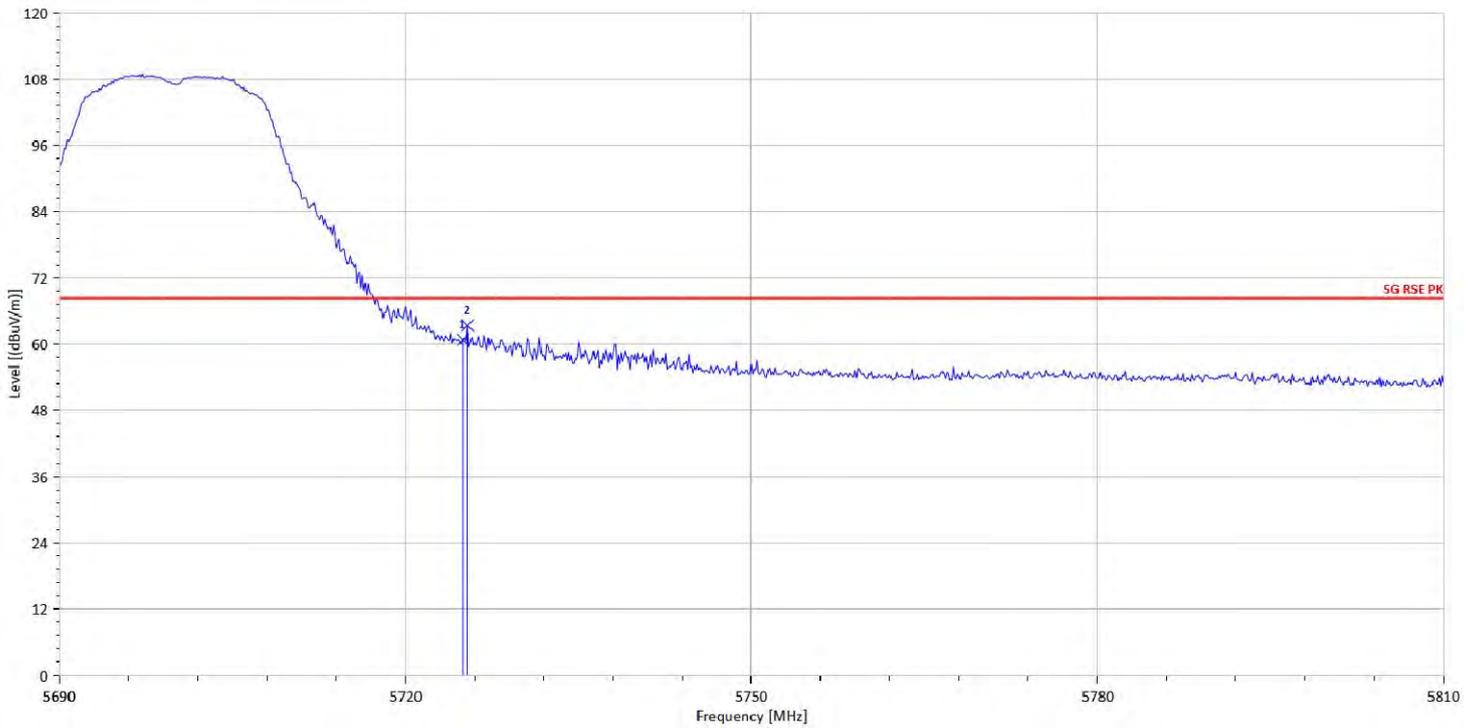
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.00	E	Peak	47.60	9.30	56.90	68.3	-11.40
5725.64	S	Peak	48.54	9.30	57.84	68.3	-10.46

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Operation Mode :	802.11a	Test Date :	2017/2/18
Fundamental Frequency :	5700 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



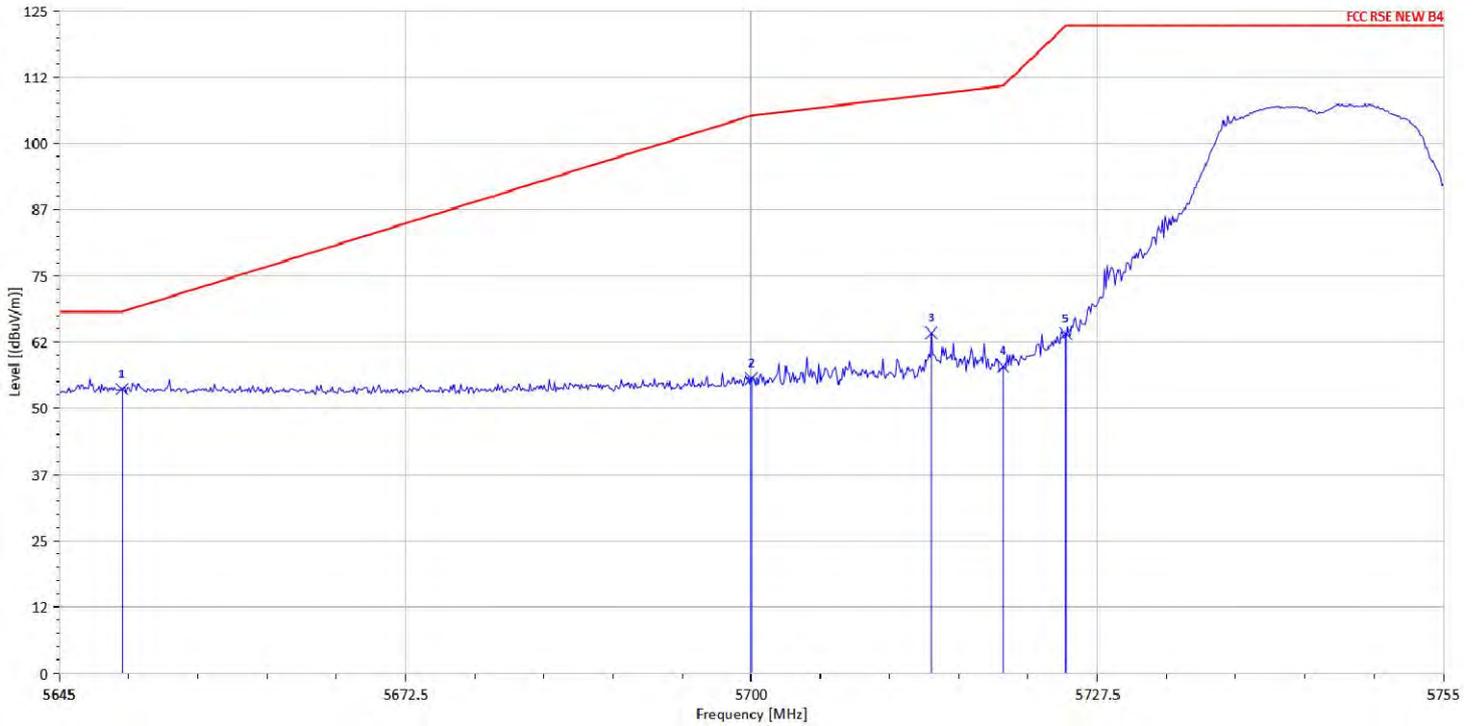
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.00	E	Peak	51.47	9.30	60.77	68.3	-7.53
5725.40	S	Peak	54.06	9.30	63.37	68.3	-4.93

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Operation Mode :	802.11a	Test Date :	2017/2/18
Fundamental Frequency :	5745 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



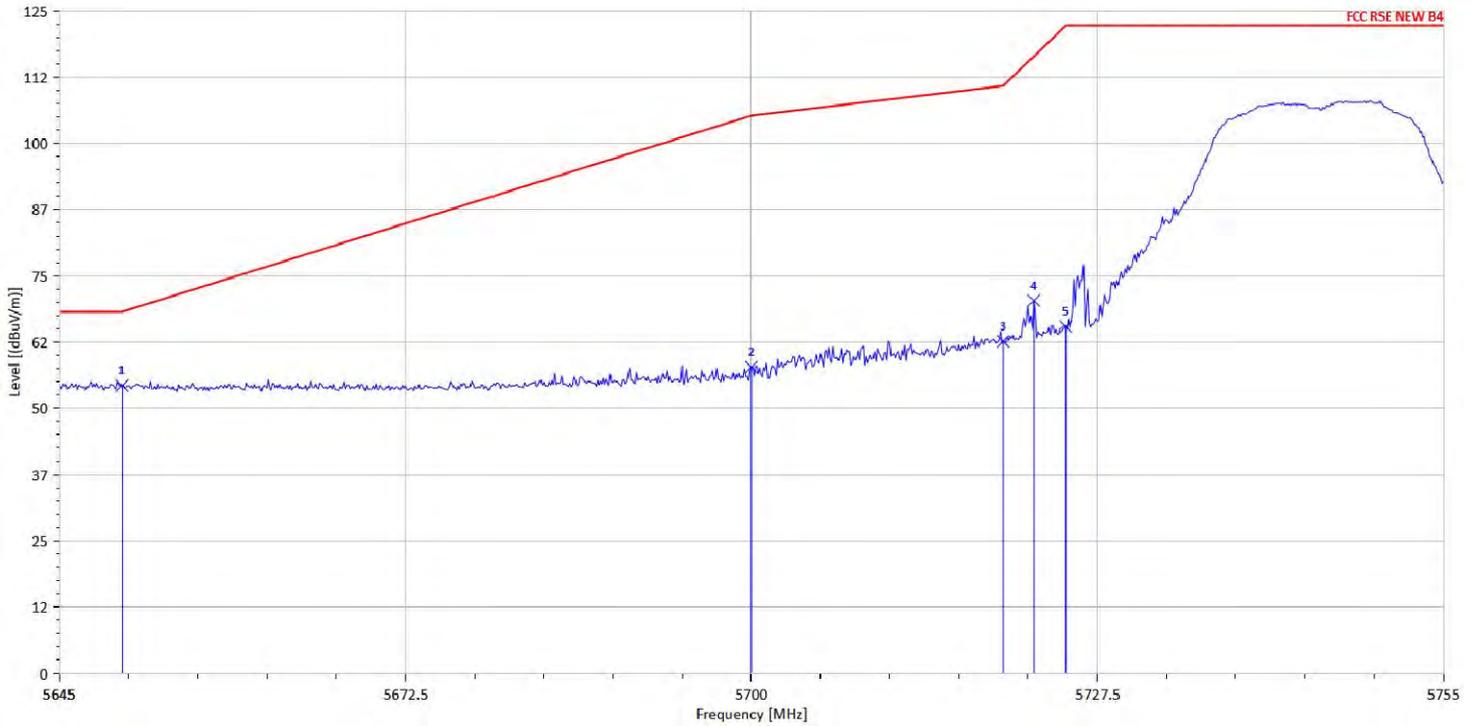
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5650.00	S	Peak	44.32	9.33	53.66	68.23	-14.57
5700.00	S	Peak	46.20	9.44	55.64	105.23	-49.59
5714.30	S	Peak	54.97	9.26	64.23	109.2339	-45.00
5720.00	S	Peak	48.65	9.28	57.93	110.83	-52.90
5725.00	E	Peak	54.77	9.30	64.07	122.23	-58.16

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Operation Mode :	802.11a	Test Date :	2017/2/18
Fundamental Frequency :	5745 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



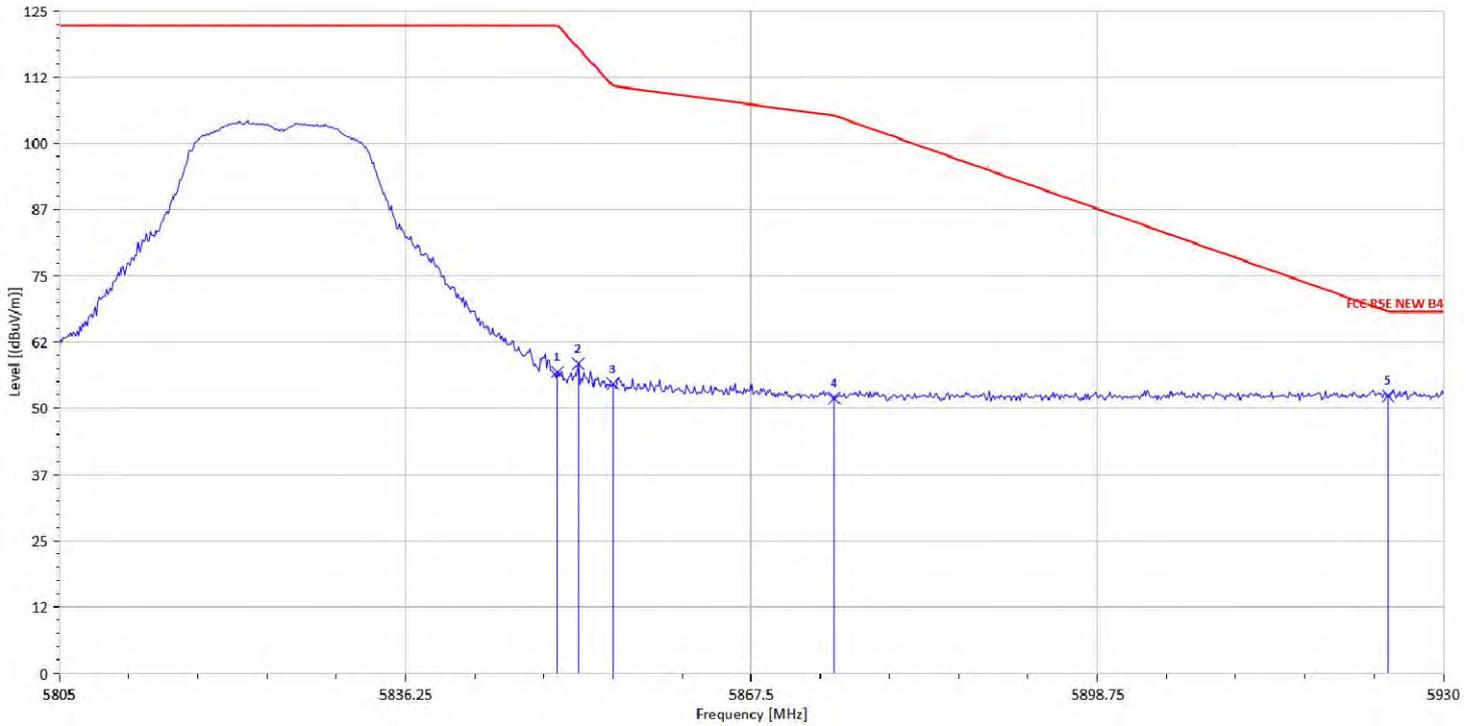
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5650.00	S	Peak	44.95	9.33	54.29	68.23	-13.94
5700.00	S	Peak	48.35	9.44	57.78	105.23	-47.45
5720.00	S	Peak	53.37	9.28	62.65	110.83	-48.18
5722.44	S	Peak	61.05	9.29	70.34	116.3931	-46.06
5725.00	E	Peak	56.10	9.30	65.40	122.23	-56.83

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Operation Mode : 802.11a Test Date : 2017/2/18
 Fundamental Frequency : 5825 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : BE CH High Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



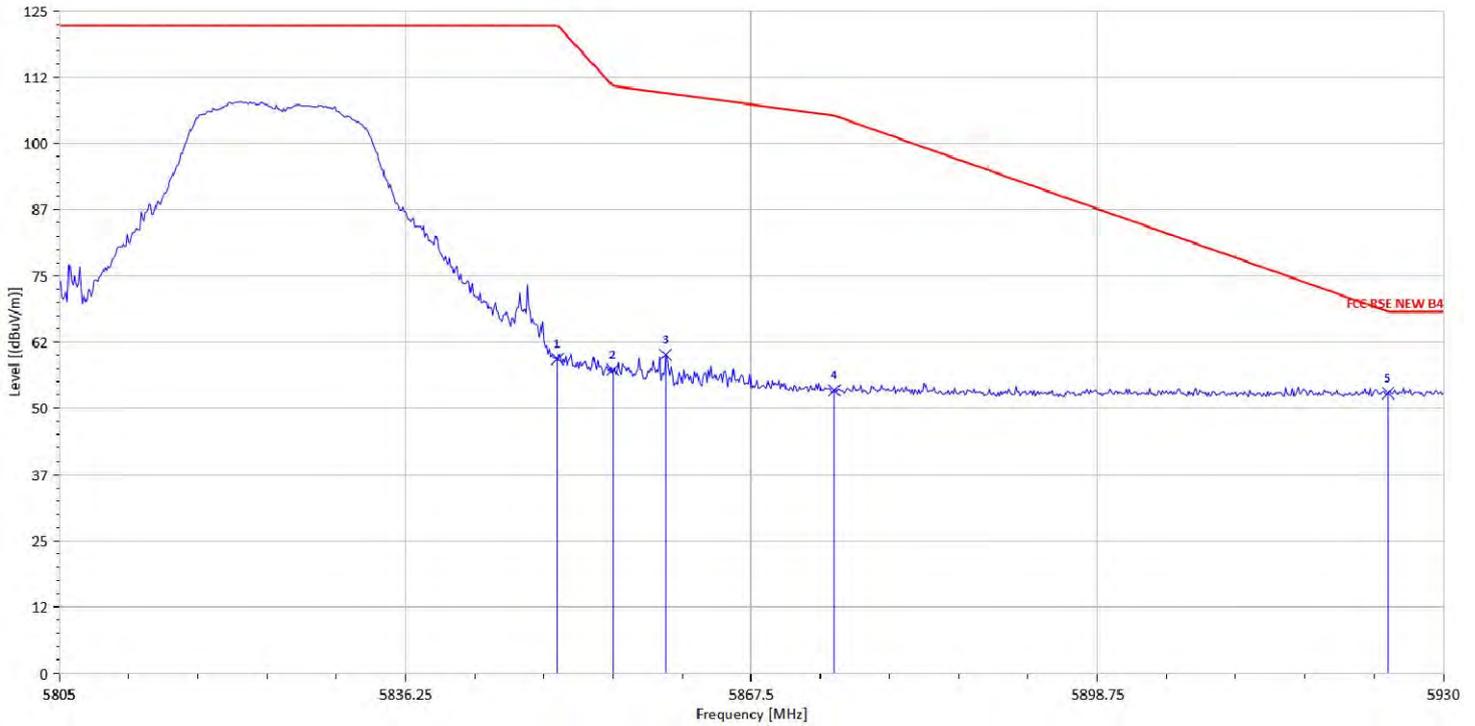
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	E	Peak	47.39	9.49	56.88	122.23	-65.35
5851.88	S	Peak	48.90	9.52	58.42	117.955	-59.54
5855.00	S	Peak	45.06	9.58	54.64	110.83	-56.19
5875.00	S	Peak	42.32	9.63	51.96	105.23	-53.27
5925.00	S	Peak	42.35	10.01	52.36	68.23	-15.87

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Operation Mode :	802.11a	Test Date :	2017/2/18
Fundamental Frequency :	5825 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.00	E	Peak	49.83	9.49	59.32	122.23	-62.91
5855.00	S	Peak	47.71	9.58	57.29	110.83	-53.54
5859.75	S	Peak	50.43	9.67	60.10	109.5	-49.40
5875.00	S	Peak	43.75	9.63	53.38	105.23	-51.85
5925.00	S	Peak	42.85	10.01	52.86	68.23	-15.37

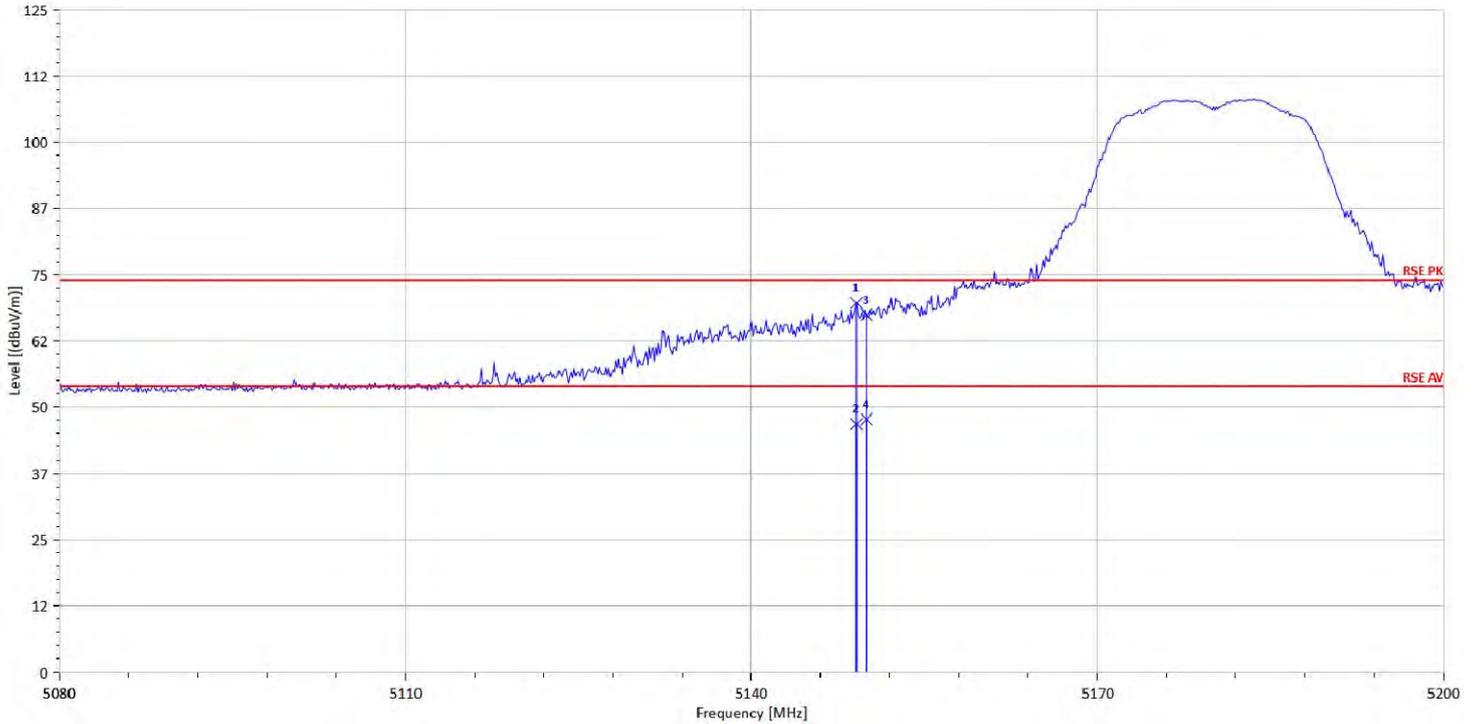
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802.11n20 HT mode

Operation Mode :	802.11ac20	Test Date :	2017/2/18
Fundamental Frequency :	5180 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



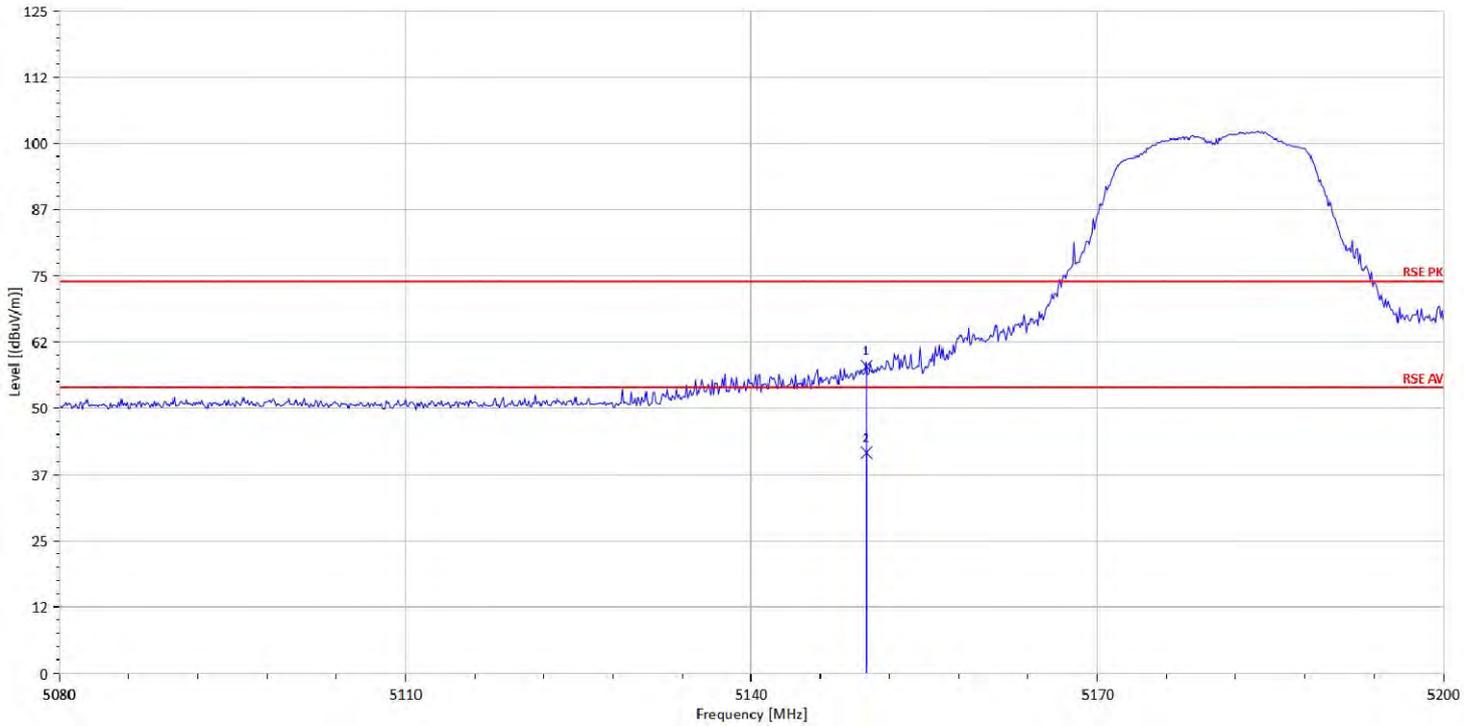
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5149.12	S	Peak	61.50	8.19	69.68	74	-4.32
5149.12	S	Average	38.63	8.19	46.82	54	-7.18
5150.00	E	Peak	59.25	8.19	67.45	74	-6.55
5150.00	E	Average	39.53	8.19	47.72	54	-6.28

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Operation Mode :	802.11ac20	Test Date :	2017/2/18
Fundamental Frequency :	5180 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



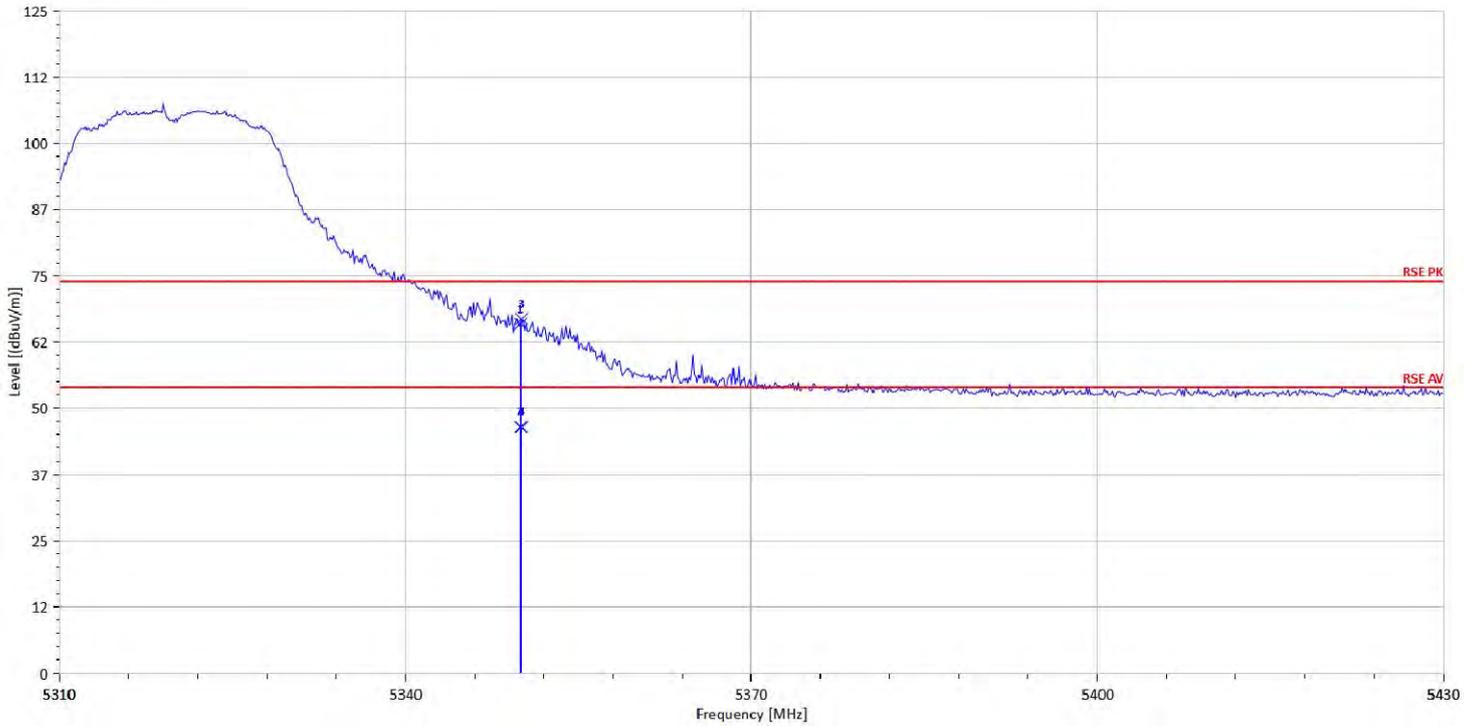
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5150.00	E	Peak	49.73	8.19	57.92	74	-16.08
5150.00	E	Average	33.44	8.19	41.63	54	-12.37

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Operation Mode :	802.11ac20	Test Date :	2017/2/18
Fundamental Frequency :	5320 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



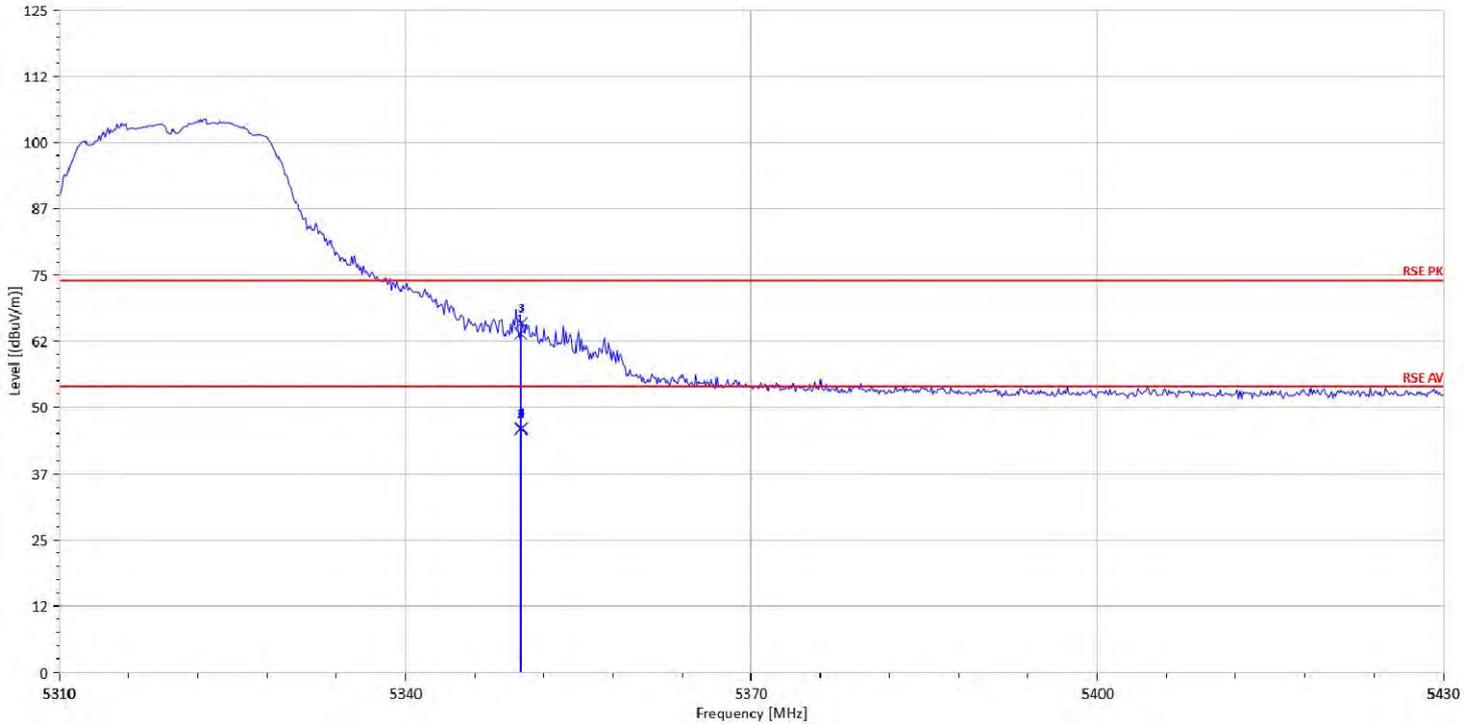
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5350.00	E	Peak	56.97	8.96	65.93	74	-8.07
5350.00	E	Average	37.50	8.96	46.46	54	-7.54
5350.08	S	Peak	57.93	8.97	66.89	74	-7.11
5350.08	S	Average	37.47	8.97	46.44	54	-7.56

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Operation Mode :	802.11ac20	Test Date :	2017/2/18
Fundamental Frequency :	5320 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



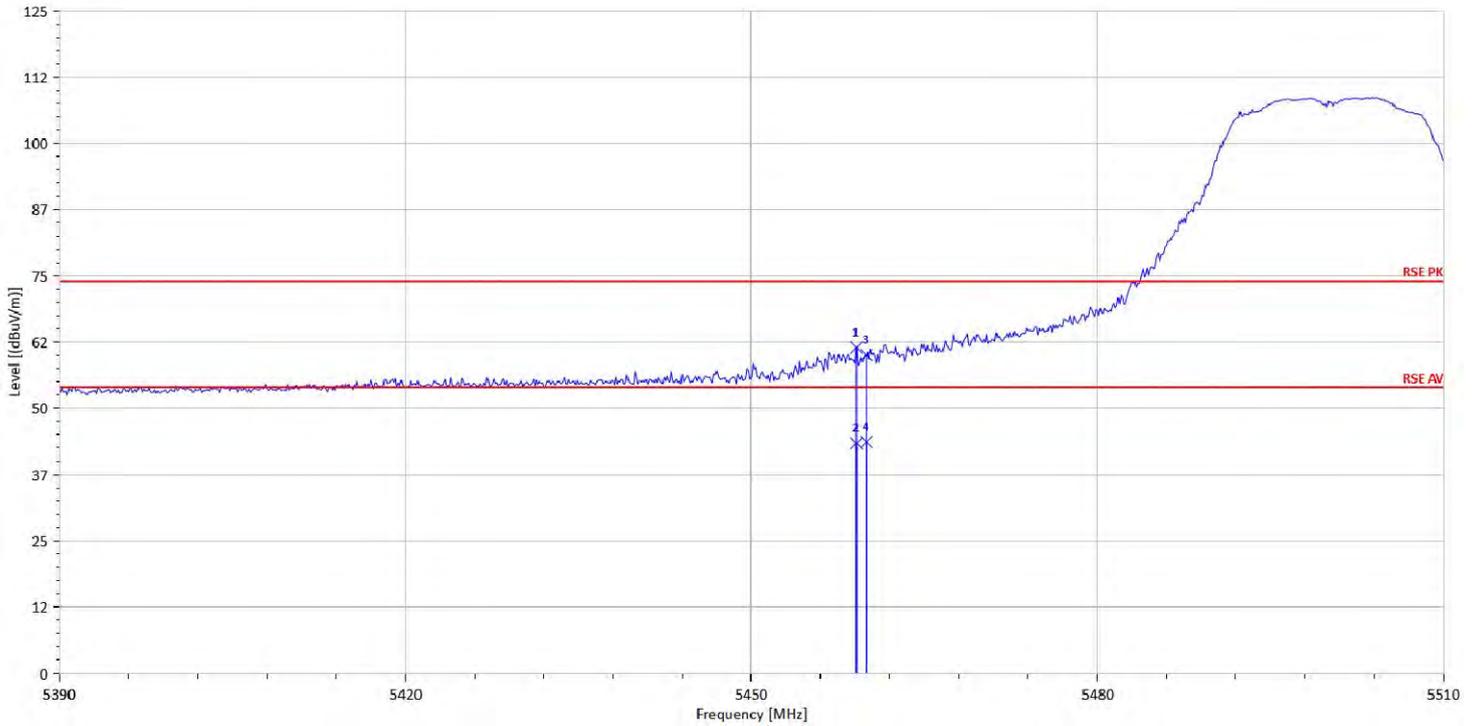
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5350.00	E	Peak	54.96	8.96	63.92	74	-10.08
5350.00	E	Average	36.98	8.96	45.94	54	-8.06
5350.08	S	Peak	56.96	8.97	65.93	74	-8.07
5350.08	S	Average	37.09	8.97	46.06	54	-7.94

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Operation Mode : 802.11ac20 Test Date : 2017/2/18
 Fundamental Frequency : 5500 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : BE CH Low Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



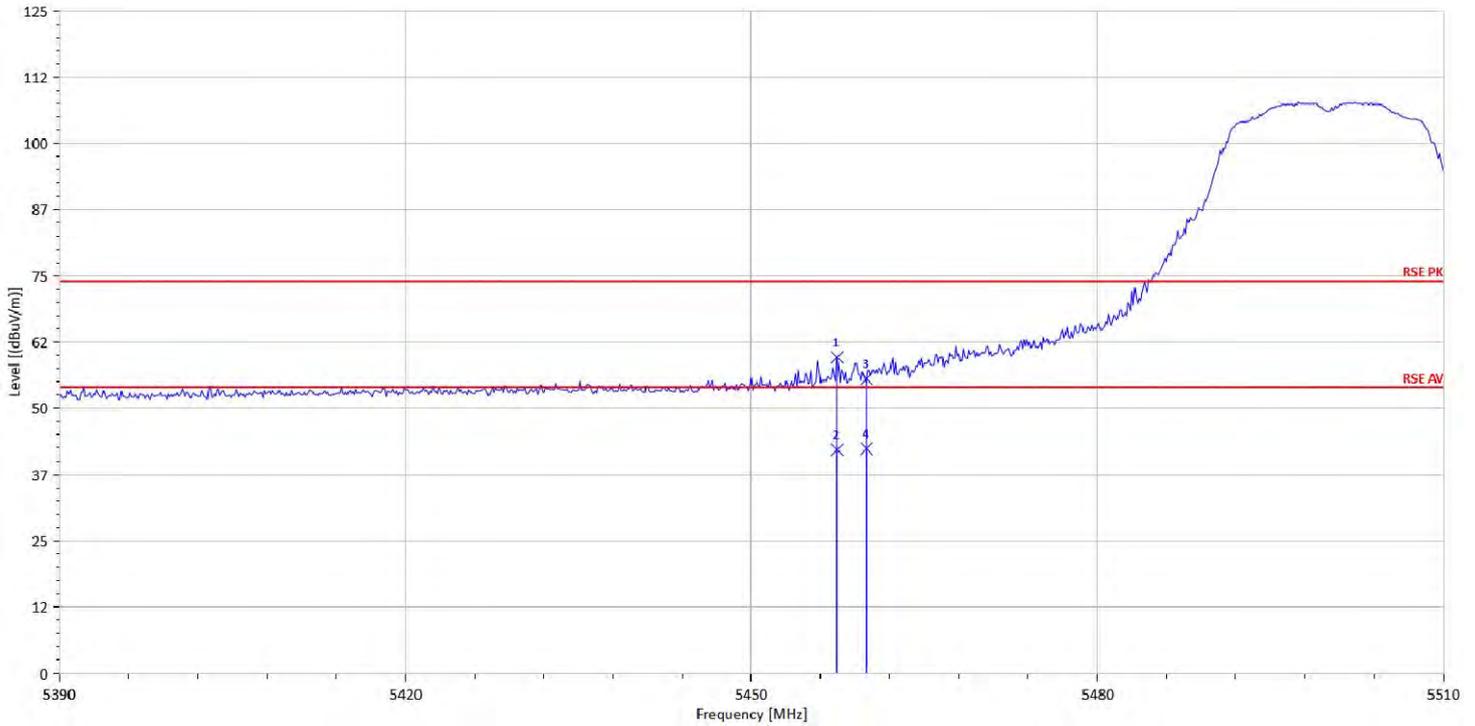
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5459.12	S	Peak	52.57	8.89	61.46	74	-12.54
5459.12	S	Average	34.52	8.89	43.41	54	-10.59
5460.00	E	Peak	51.16	8.88	60.04	74	-13.96
5460.00	E	Average	34.78	8.88	43.66	54	-10.34

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Operation Mode :	802.11ac20	Test Date :	2017/2/18
Fundamental Frequency :	5500 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



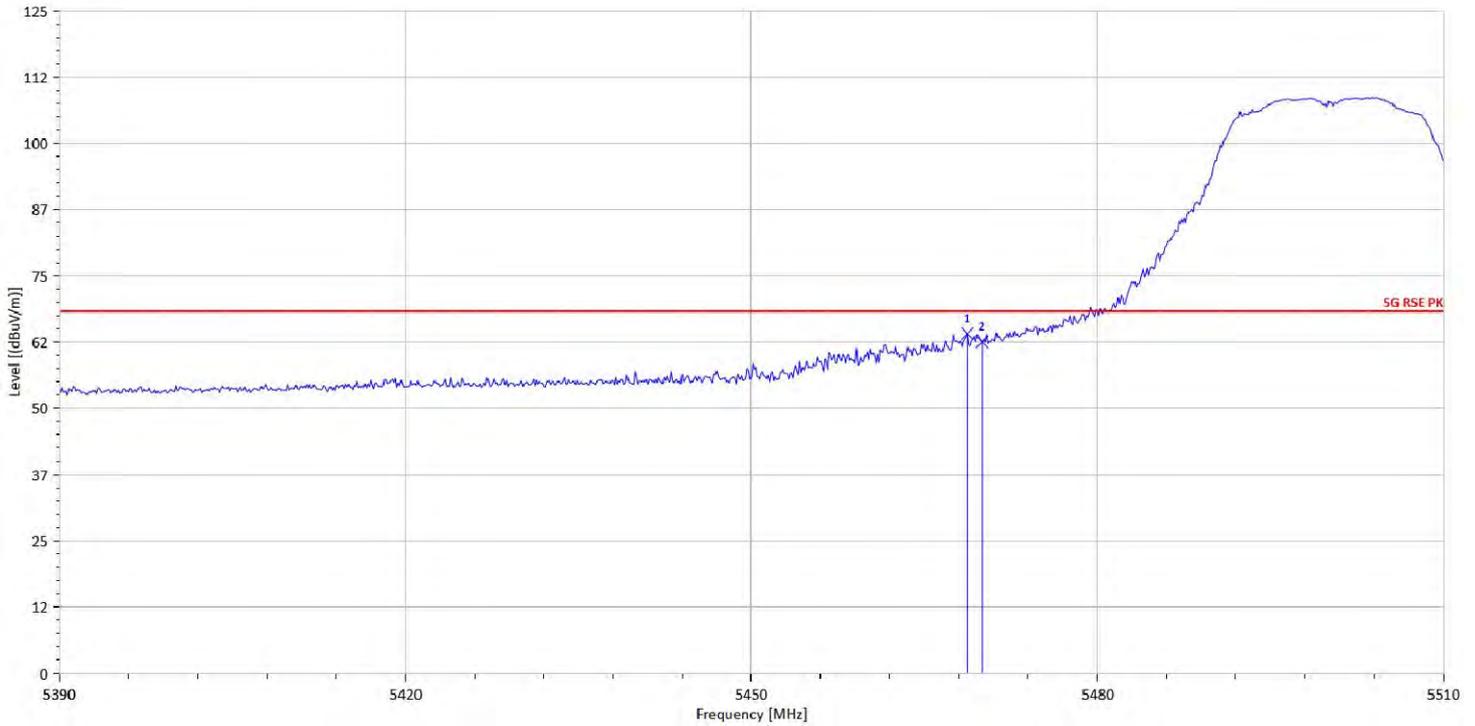
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5457.44	S	Peak	50.70	8.91	59.61	74	-14.39
5457.44	S	Average	33.27	8.91	42.18	54	-11.82
5460.00	E	Peak	46.72	8.88	55.60	74	-18.40
5460.00	E	Average	33.50	8.88	42.38	54	-11.62

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Operation Mode :	802.11ac20	Test Date :	2017/2/18
Fundamental Frequency :	5500 MHz	Temp. / Humi. :	22.7 deg_C/57RH
Operation Band :	BE CH Low RSE	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



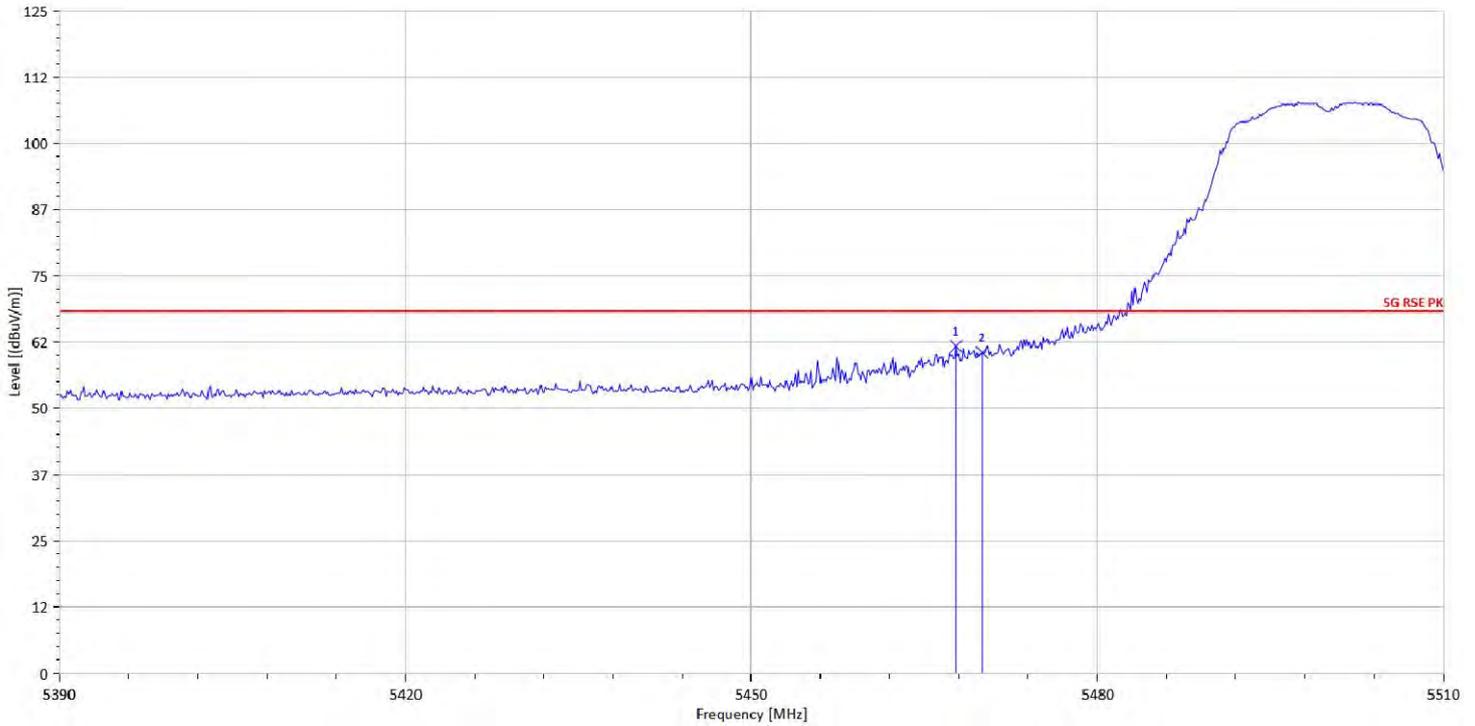
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5468.72	S	Peak	55.29	8.80	64.09	68.3	-4.21
5470.00	E	Peak	53.74	8.79	62.53	68.3	-5.77

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Operation Mode :	802.11ac20	Test Date :	2017/2/18
Fundamental Frequency :	5500 MHz	Temp. / Humi. :	22.7 deg_C/57RH
Operation Band :	BE CH Low RSE	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



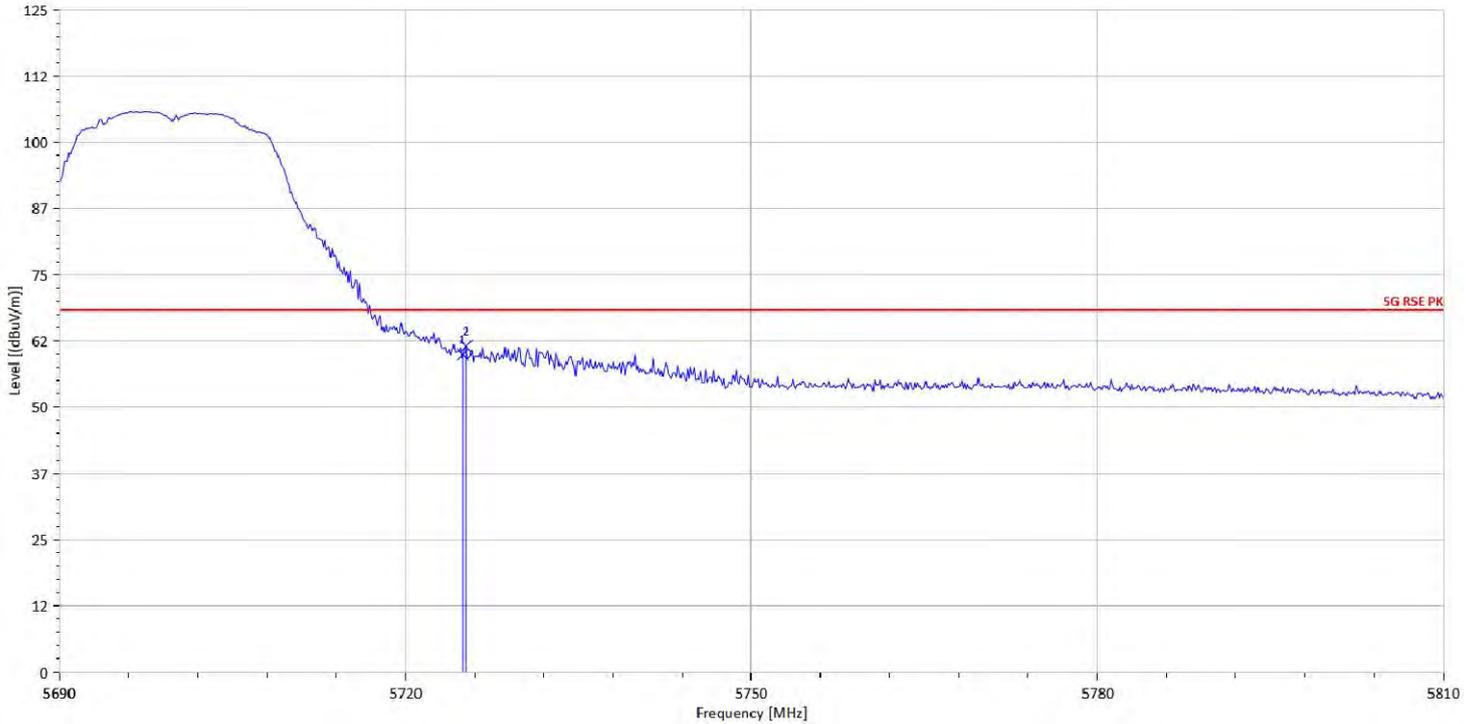
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5467.76	S	Peak	52.90	8.81	61.71	68.3	-6.59
5470.00	E	Peak	51.77	8.79	60.56	68.3	-7.74

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Operation Mode :	802.11ac20	Test Date :	2017/2/18
Fundamental Frequency :	5700 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



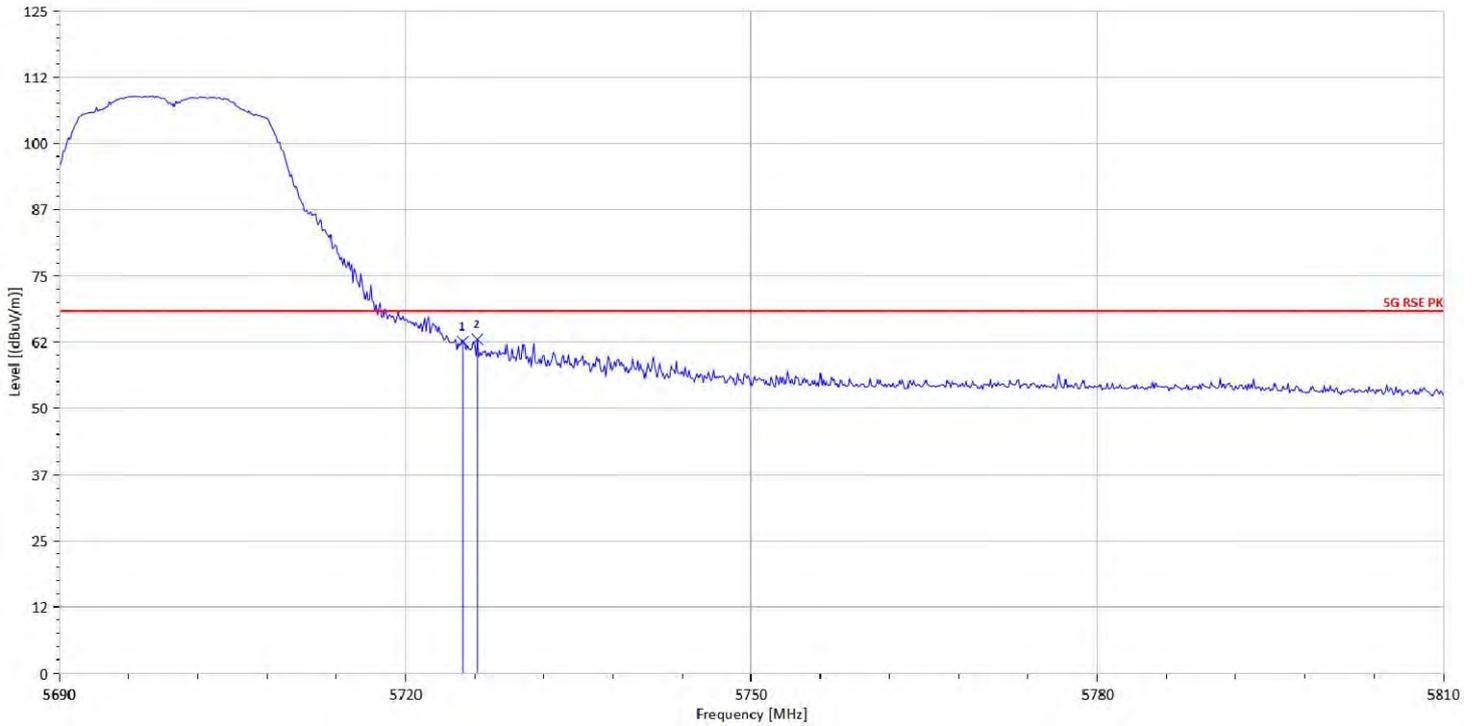
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.00	E	Peak	50.64	9.30	59.94	68.3	-8.36
5725.28	S	Peak	52.17	9.30	61.47	68.3	-6.83

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Operation Mode :	802.11ac20	Test Date :	2017/2/18
Fundamental Frequency :	5700 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



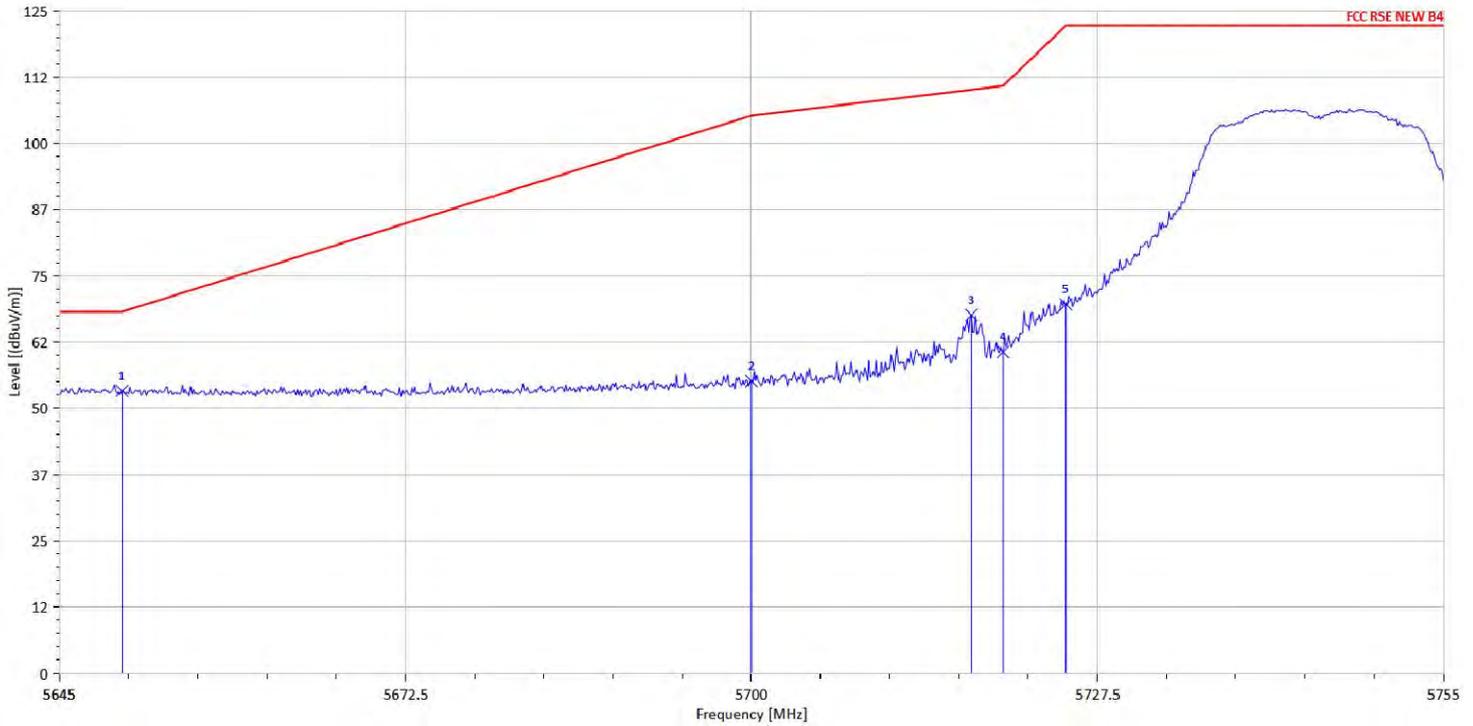
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.00	E	Peak	53.22	9.30	62.52	68.3	-5.78
5726.24	S	Peak	53.70	9.30	63.00	68.3	-5.30

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Operation Mode :	802.11ac20	Test Date :	2017/2/18
Fundamental Frequency :	5745 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



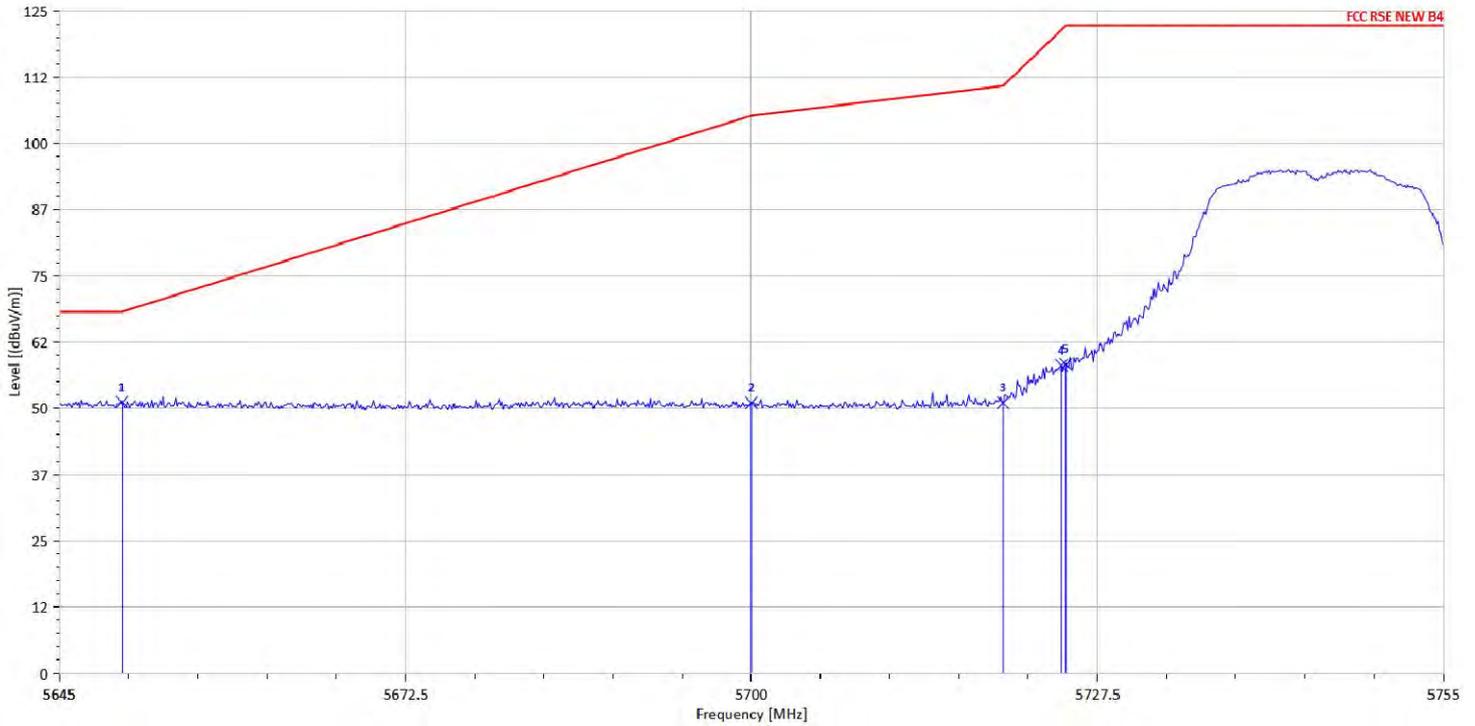
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5650.00	S	Peak	43.96	9.33	53.30	68.23	-14.93
5700.00	S	Peak	45.70	9.44	55.14	105.23	-50.09
5717.49	S	Peak	58.32	9.27	67.59	110.1273	-42.53
5720.00	S	Peak	51.36	9.28	60.64	110.83	-50.19
5725.00	E	Peak	60.29	9.30	69.59	122.23	-52.64

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Operation Mode :	802.11ac20	Test Date :	2017/2/18
Fundamental Frequency :	5745 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



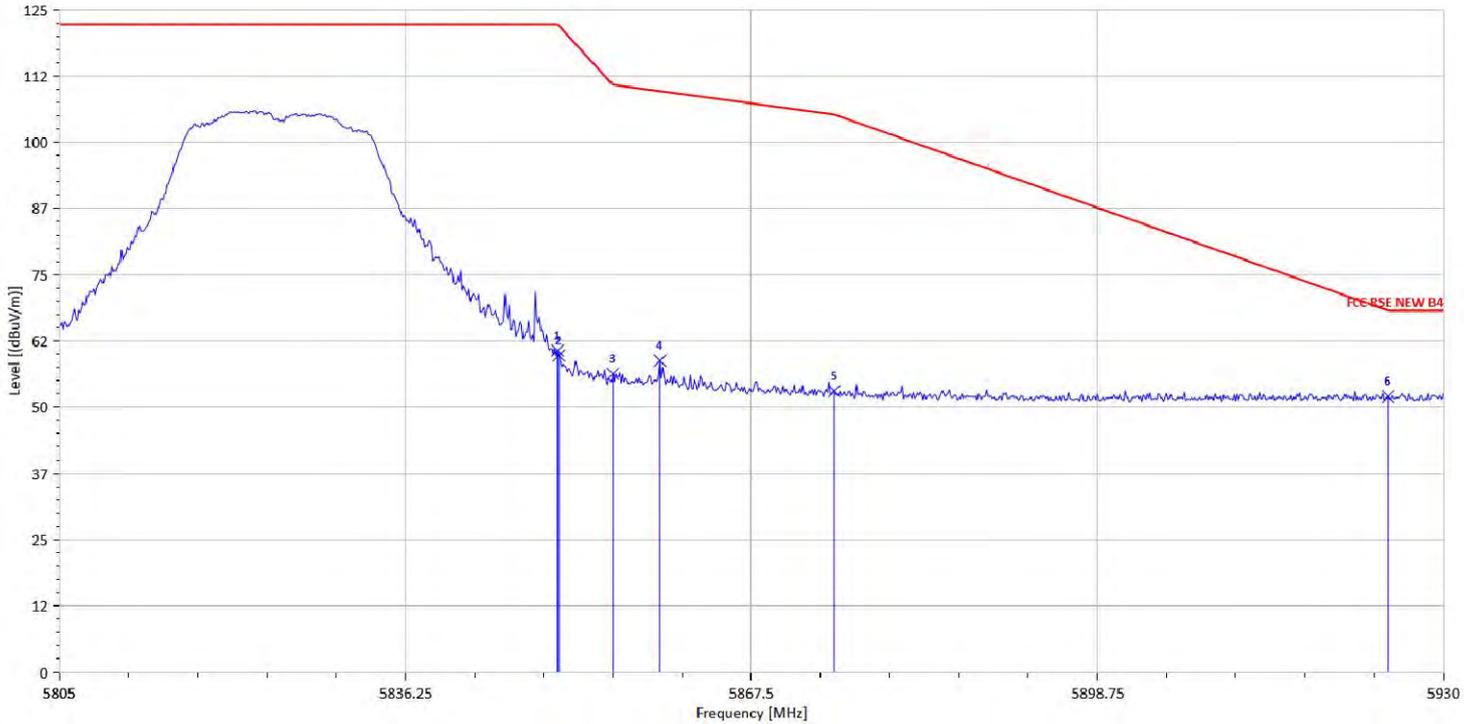
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5650.00	S	Peak	41.85	9.33	51.18	68.23	-17.05
5700.00	S	Peak	41.61	9.44	51.04	105.23	-54.19
5720.00	S	Peak	41.77	9.28	51.06	110.83	-59.77
5724.64	S	Peak	48.80	9.30	58.10	121.4095	-63.31
5725.00	E	Peak	49.01	9.30	58.31	122.23	-63.92

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Operation Mode :	802.11ac20	Test Date :	2017/2/18
Fundamental Frequency :	5825 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



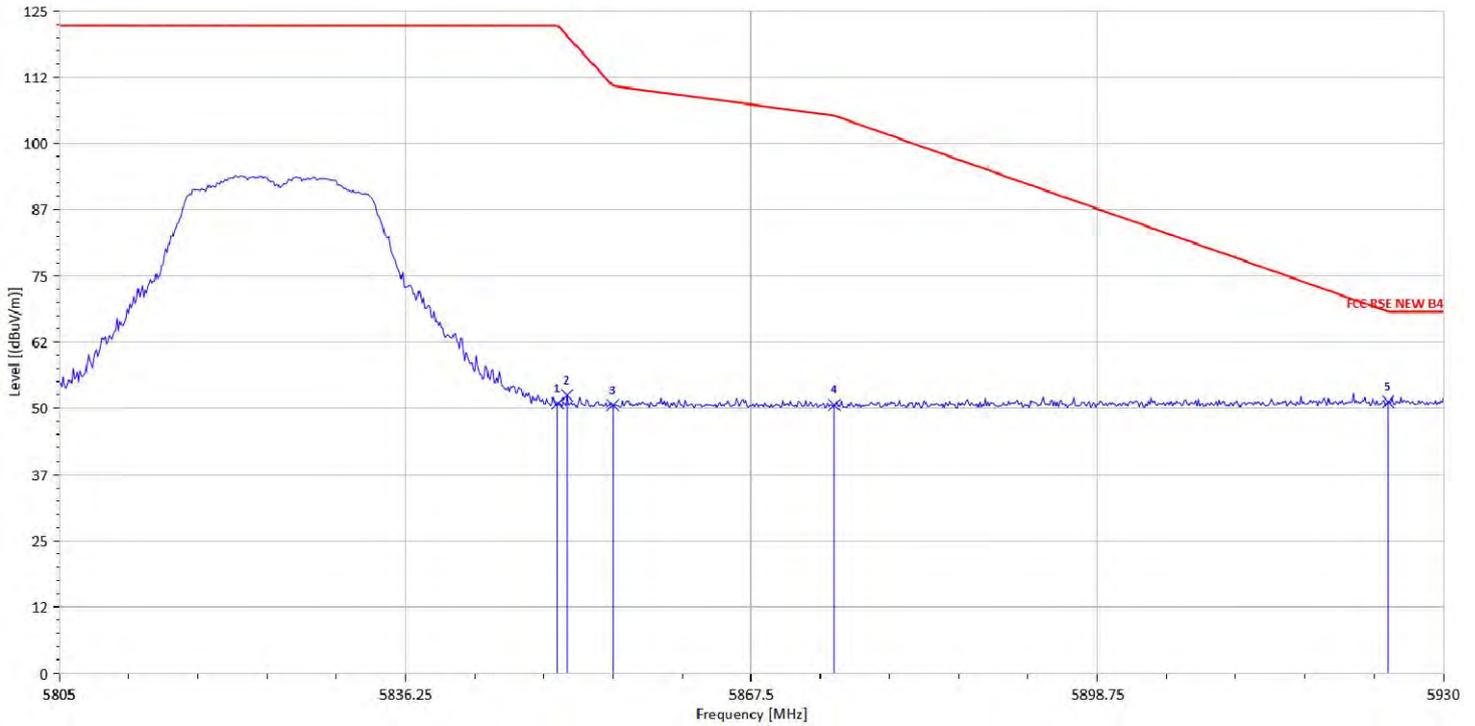
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	E	Peak	51.20	9.49	60.69	122.23	-61.54
5850.13	S	Peak	50.26	9.49	59.75	121.945	-62.19
5855.00	S	Peak	46.72	9.58	56.30	110.83	-54.53
5859.25	S	Peak	49.12	9.66	58.78	109.64	-50.86
5875.00	S	Peak	43.40	9.63	53.03	105.23	-52.20
5925.00	S	Peak	41.99	10.01	52.00	68.23	-16.23

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Operation Mode :	802.11ac20	Test Date :	2017/2/18
Fundamental Frequency :	5825 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.00	E	Peak	41.45	9.49	50.94	122.23	-71.29
5850.88	S	Peak	42.93	9.50	52.44	120.235	-67.80
5855.00	S	Peak	41.04	9.58	50.62	110.83	-60.21
5875.00	S	Peak	41.01	9.63	50.64	105.23	-54.59
5925.00	S	Peak	41.22	10.01	51.23	68.23	-17.00

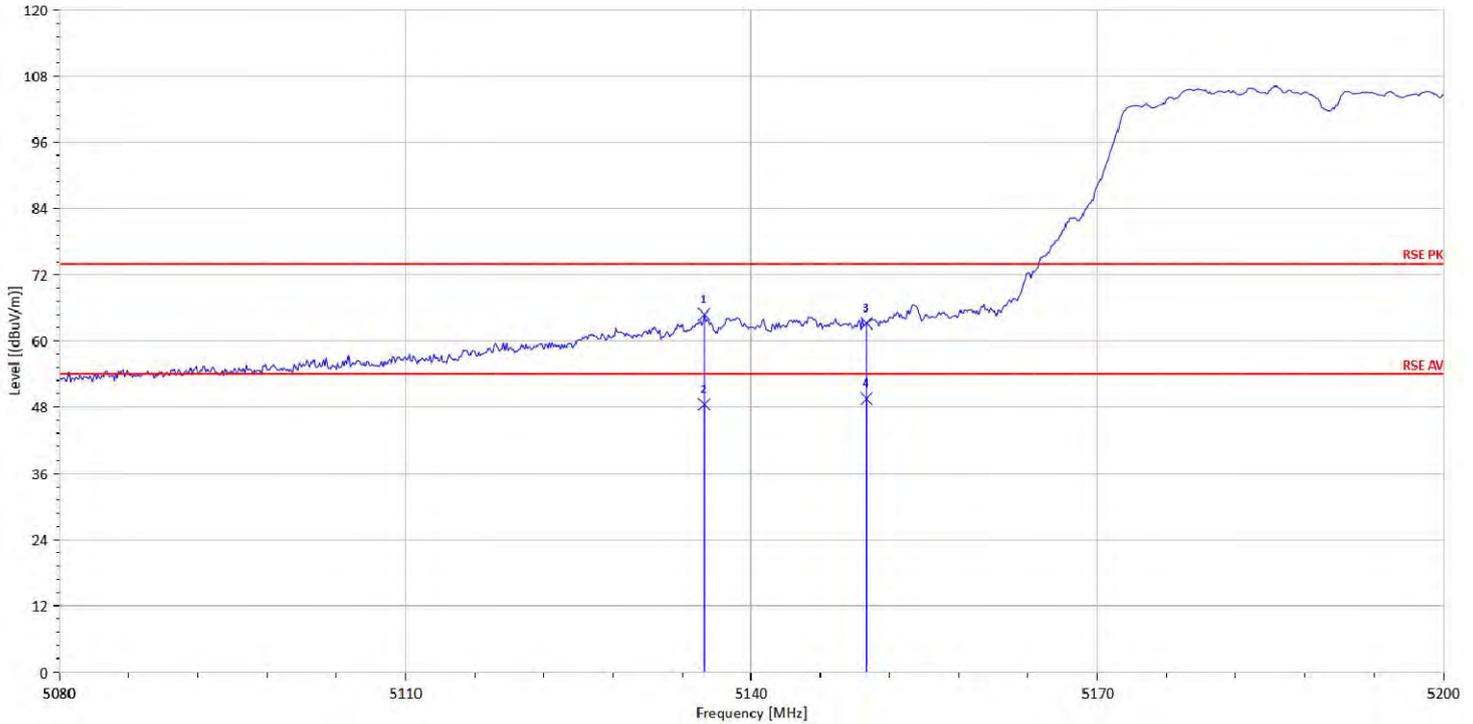
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802.11n40 HT mode

Operation Mode :	802.11ac40	Test Date :	2017/2/18
Fundamental Frequency :	5190 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



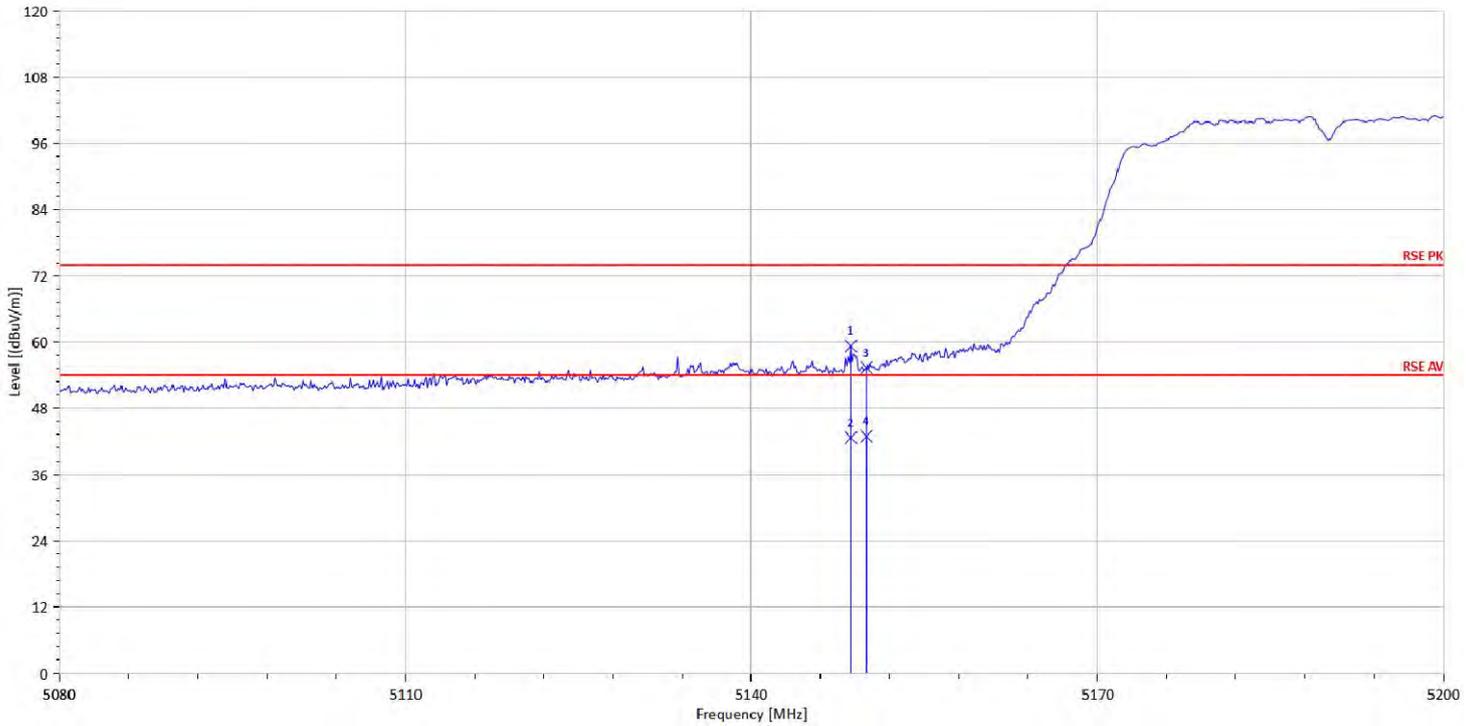
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5135.92	S	Peak	56.71	8.11	64.82	74	-9.18
5135.92	S	Average	40.45	8.11	48.56	54	-5.44
5150.00	E	Peak	55.00	8.19	63.19	74	-10.81
5150.00	E	Average	41.35	8.19	49.54	54	-4.46

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Operation Mode :	802.11ac40	Test Date :	2017/2/18
Fundamental Frequency :	5190 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



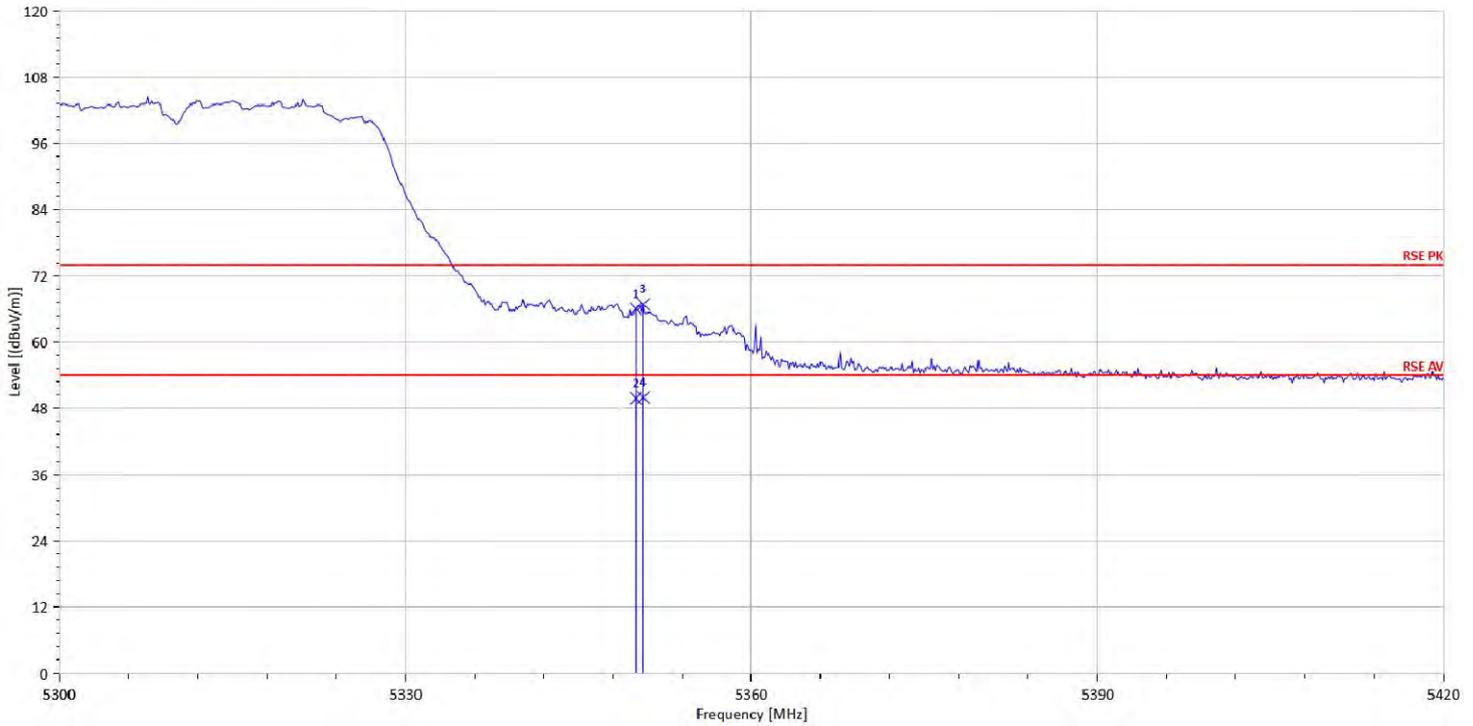
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5148.64	S	Peak	51.10	8.18	59.29	74	-14.72
5148.64	S	Average	34.50	8.18	42.68	54	-11.32
5150.00	E	Peak	47.18	8.19	55.38	74	-18.62
5150.00	E	Average	34.72	8.19	42.91	54	-11.09

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Operation Mode :	802.11ac40	Test Date :	2017/2/18
Fundamental Frequency :	5310 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



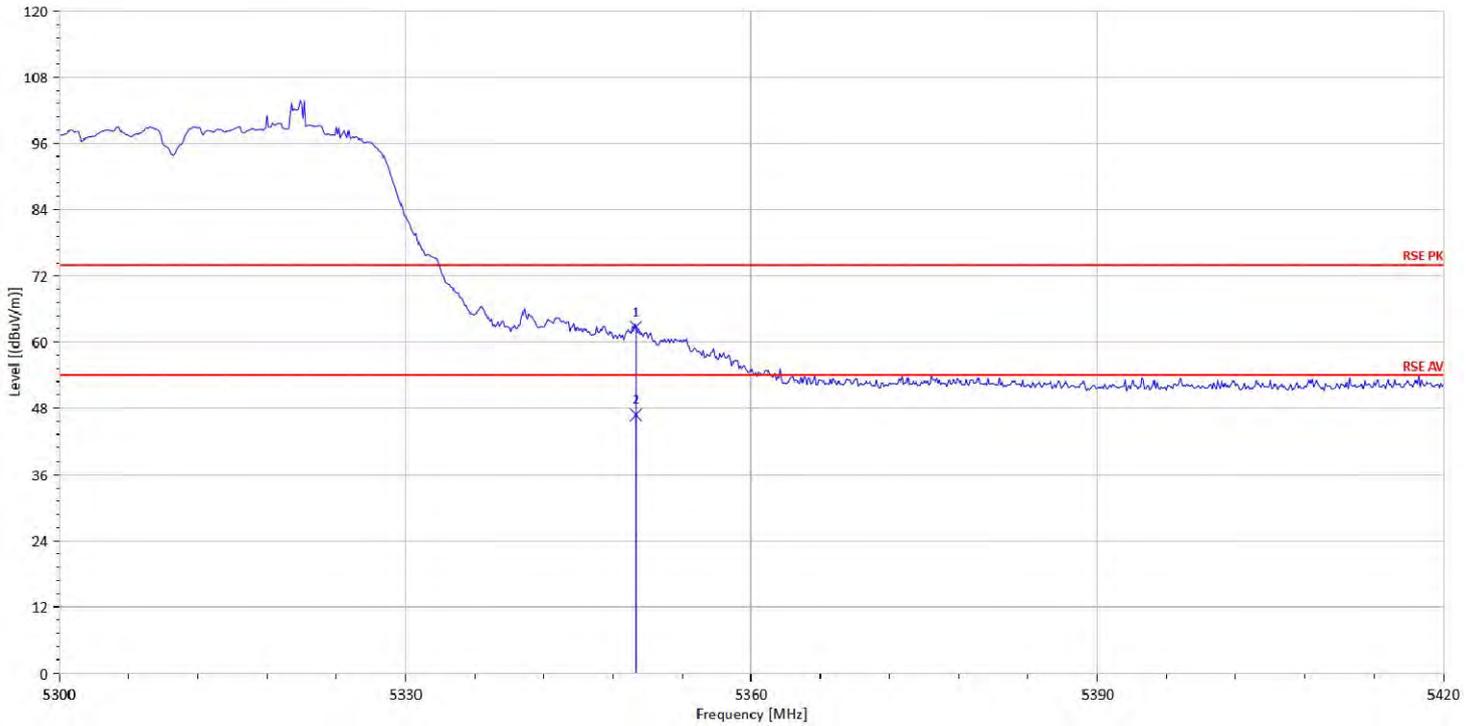
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5350.00	E	Peak	57.07	8.96	66.04	74	-7.96
5350.00	E	Average	40.85	8.96	49.81	54	-4.19
5350.64	S	Peak	57.87	8.97	66.84	74	-7.16
5350.64	S	Average	40.98	8.97	49.95	54	-4.05

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Operation Mode :	802.11ac40	Test Date :	2017/2/18
Fundamental Frequency :	5310 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



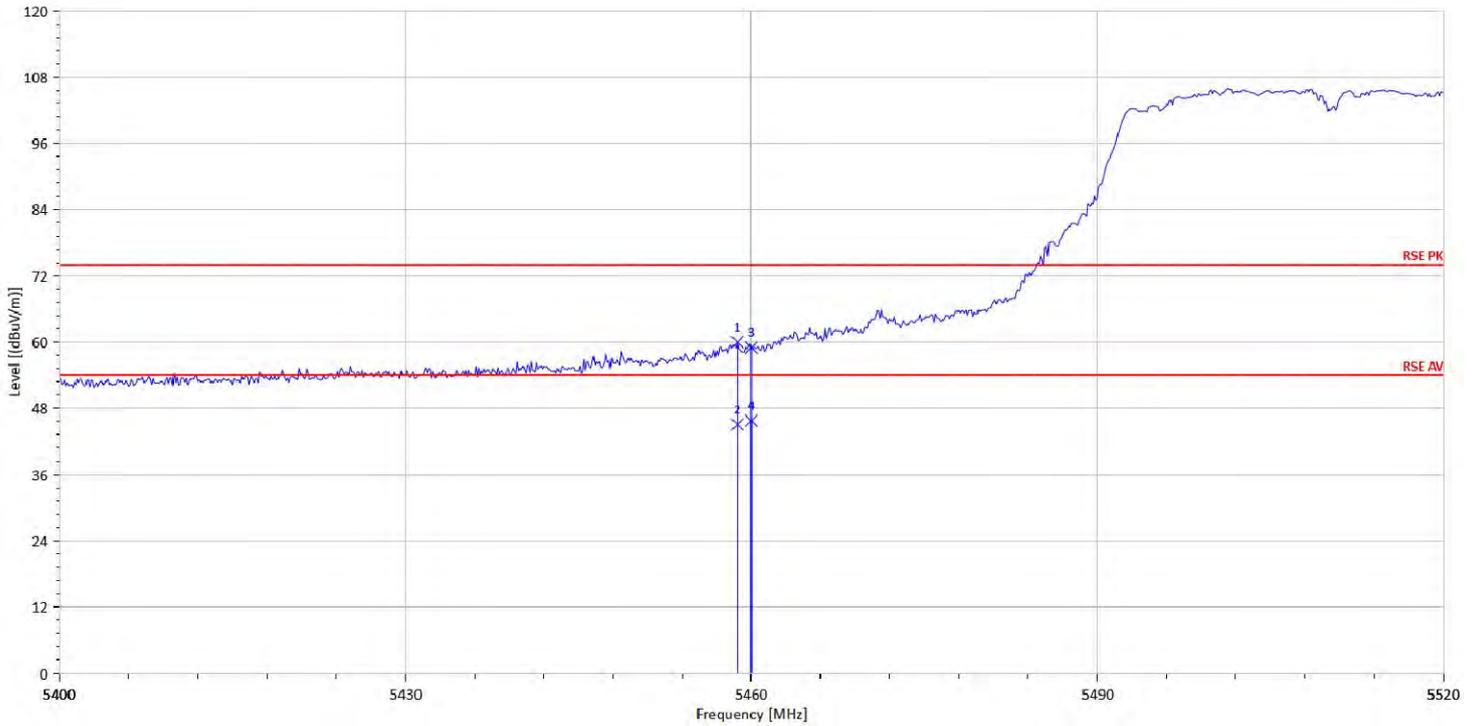
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5350.00	E	Peak	53.75	8.96	62.72	74	-11.28
5350.00	E	Average	37.87	8.96	46.83	54	-7.17

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Operation Mode :	802.11ac40	Test Date :	2017/2/18
Fundamental Frequency :	5510 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



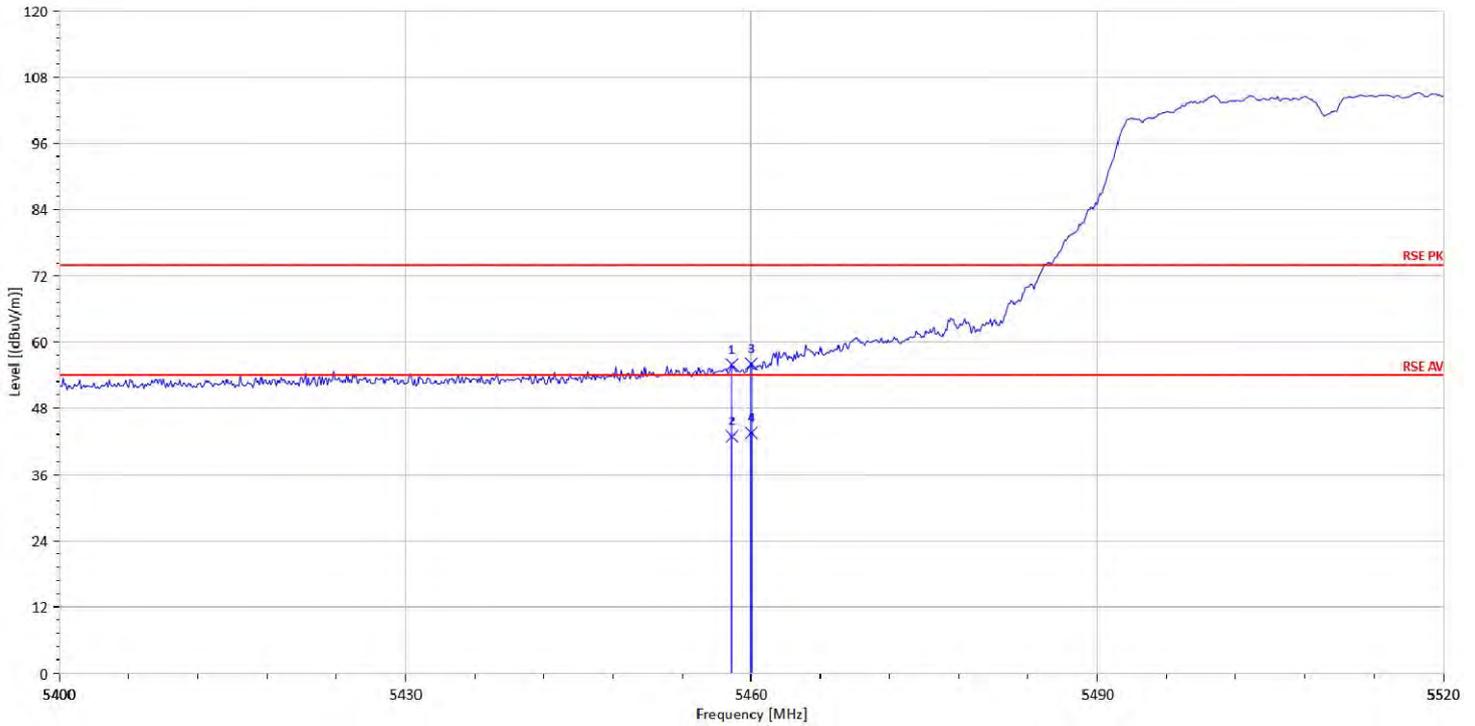
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5458.80	S	Peak	51.10	8.89	60.00	74	-14.00
5458.80	S	Average	36.18	8.89	45.07	54	-8.93
5460.00	E	Peak	50.12	8.88	59.00	74	-15.00
5460.00	E	Average	36.87	8.88	45.75	54	-8.25

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Operation Mode :	802.11ac40	Test Date :	2017/2/18
Fundamental Frequency :	5510 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



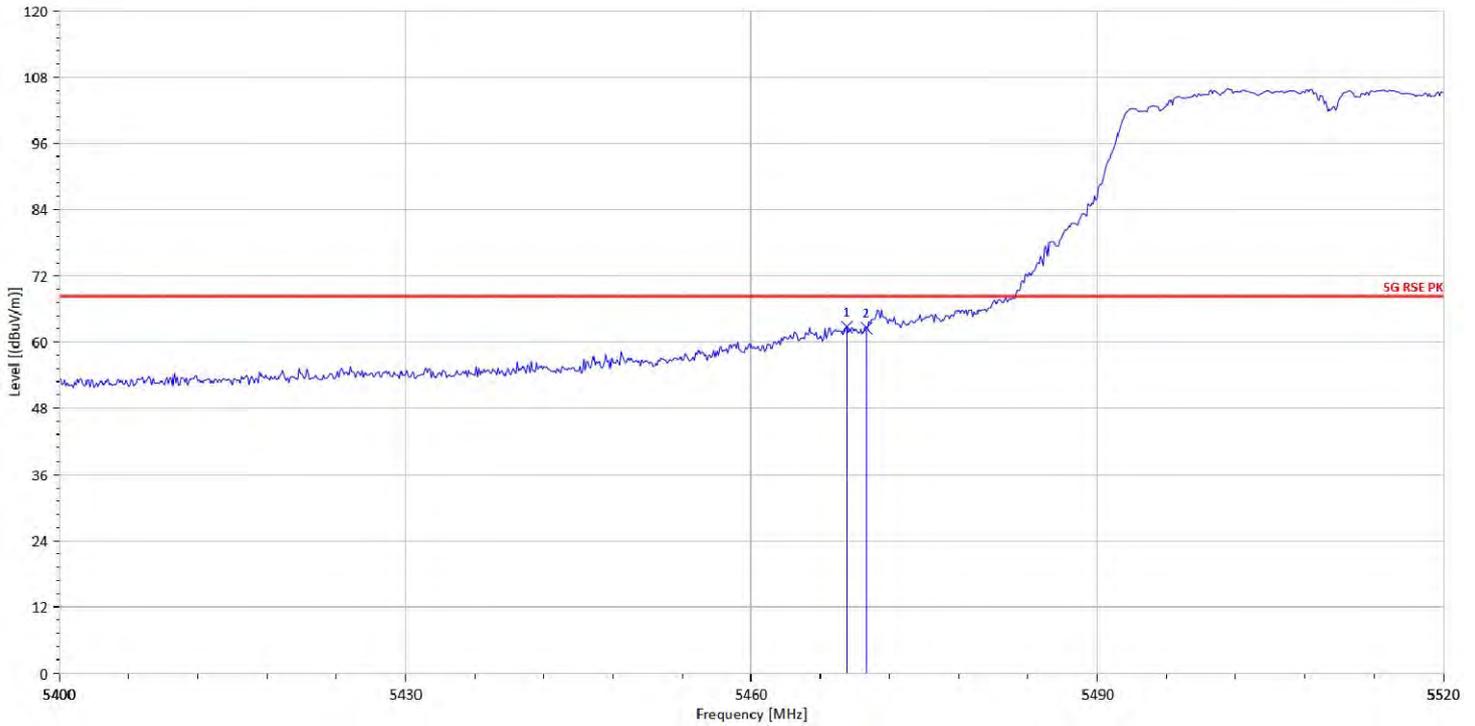
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5458.32	S	Peak	47.00	8.90	55.90	74	-18.10
5458.32	S	Average	34.02	8.90	42.92	54	-11.08
5460.00	E	Peak	47.18	8.88	56.06	74	-17.94
5460.00	E	Average	34.66	8.88	43.54	54	-10.46

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Operation Mode :	802.11ac40	Test Date :	2017/2/18
Fundamental Frequency :	5510 MHz	Temp. / Humi. :	22.7 deg_C/57RH
Operation Band :	BE CH Low RSE	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



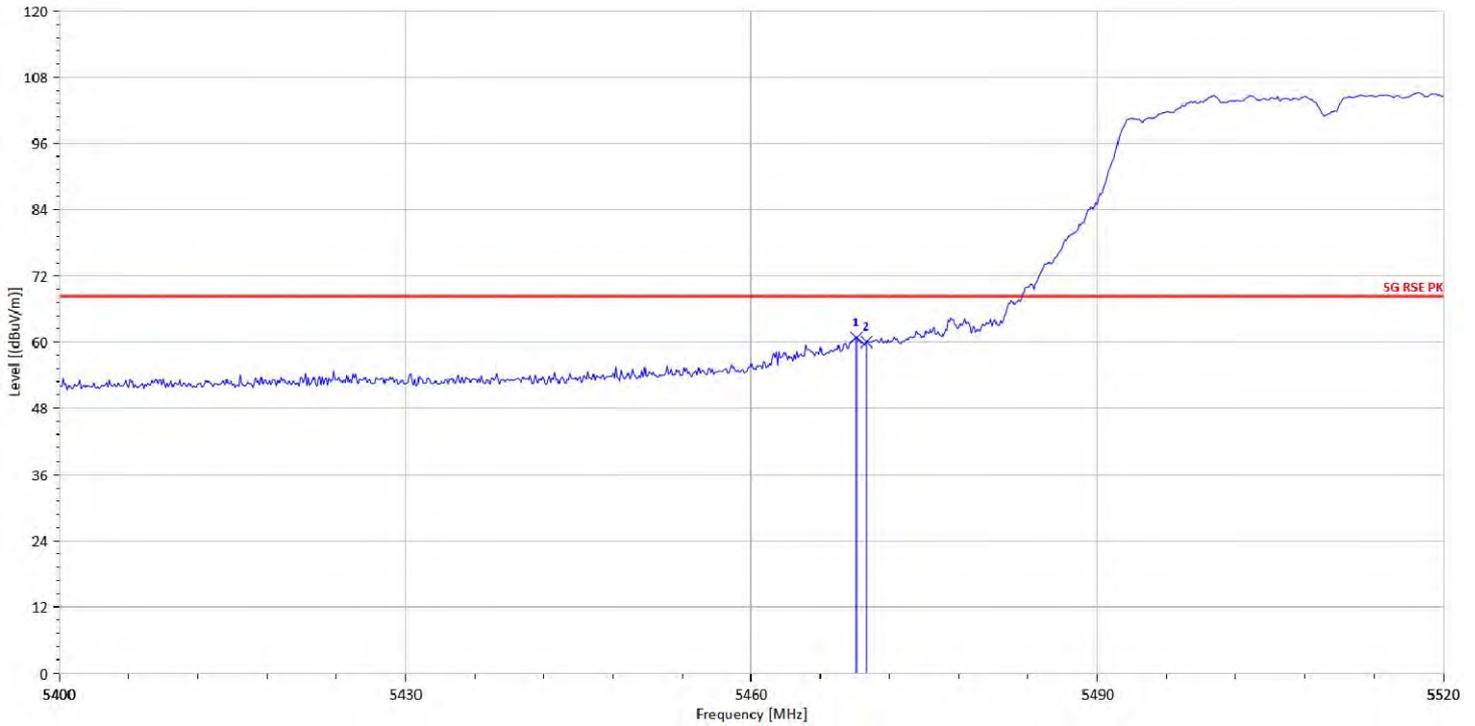
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5468.28	S	Peak	53.93	8.80	62.74	68.3	-5.56
5470.00	E	Peak	53.75	8.79	62.54	68.3	-5.76

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Operation Mode :	802.11ac40	Test Date :	2017/2/18
Fundamental Frequency :	5510 MHz	Temp. / Humi. :	22.7 deg_C/57RH
Operation Band :	BE CH Low RSE	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



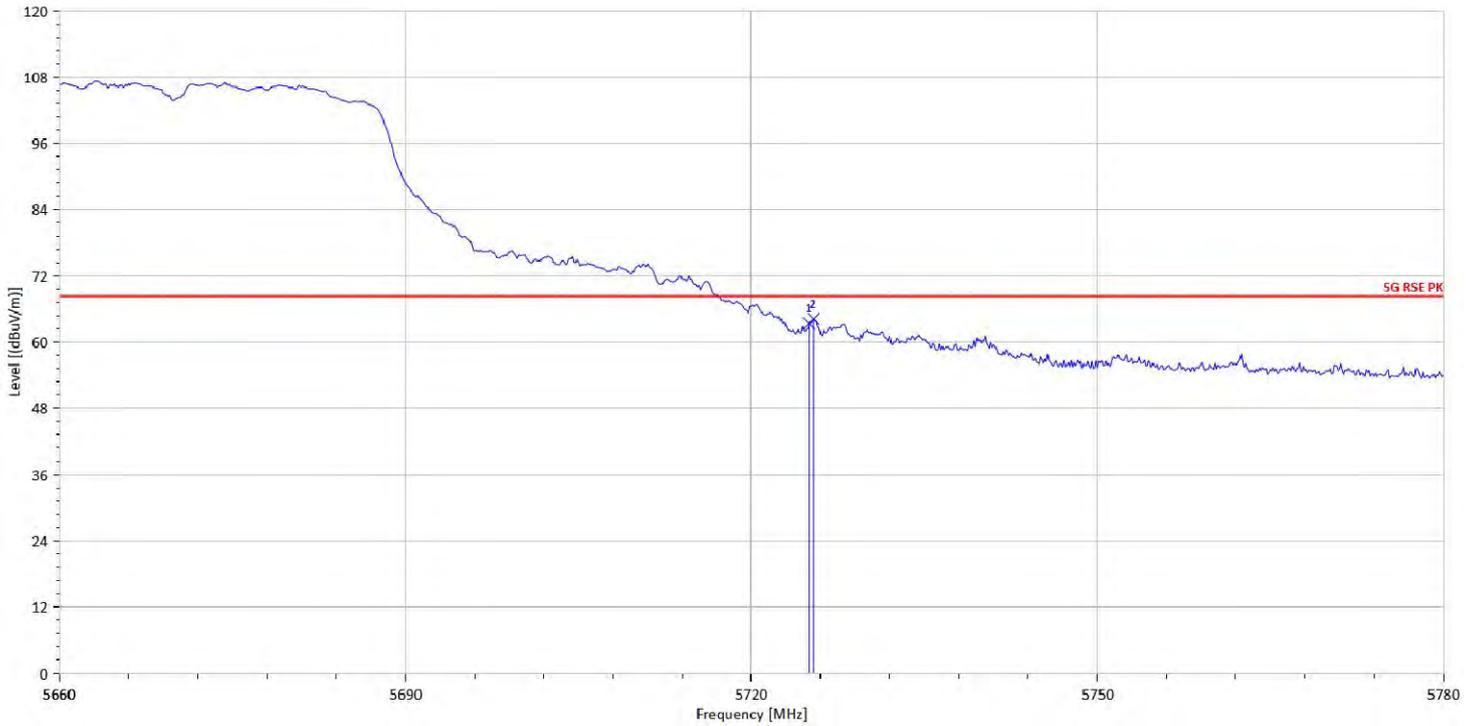
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5469.12	S	Peak	52.04	8.80	60.84	68.3	-7.46
5470.00	E	Peak	51.24	8.79	60.03	68.3	-8.27

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Operation Mode :	802.11ac40	Test Date :	2017/2/18
Fundamental Frequency :	5670 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



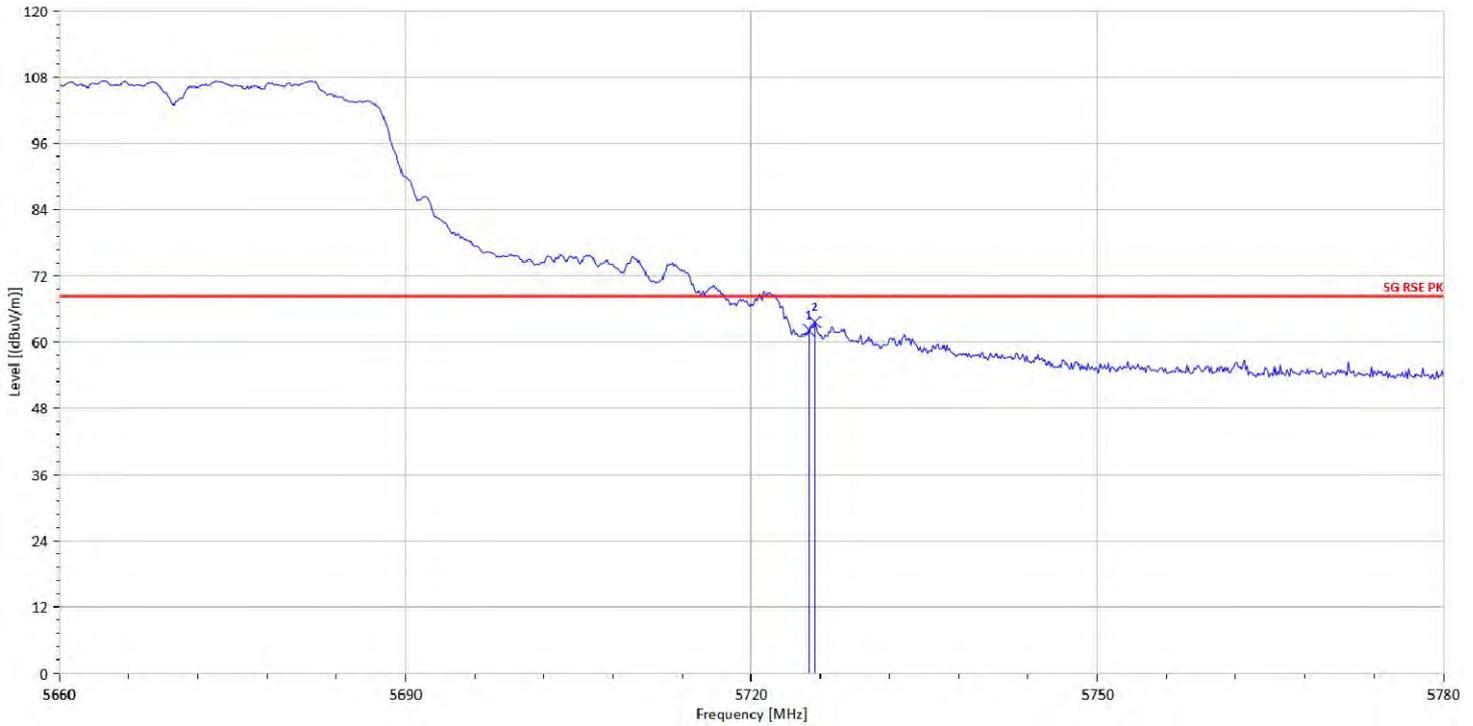
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.00	E	Peak	54.06	9.30	63.36	68.3	-4.94
5725.40	S	Peak	54.90	9.30	64.20	68.3	-4.10

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Operation Mode :	802.11ac40	Test Date :	2017/2/18
Fundamental Frequency :	5670 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



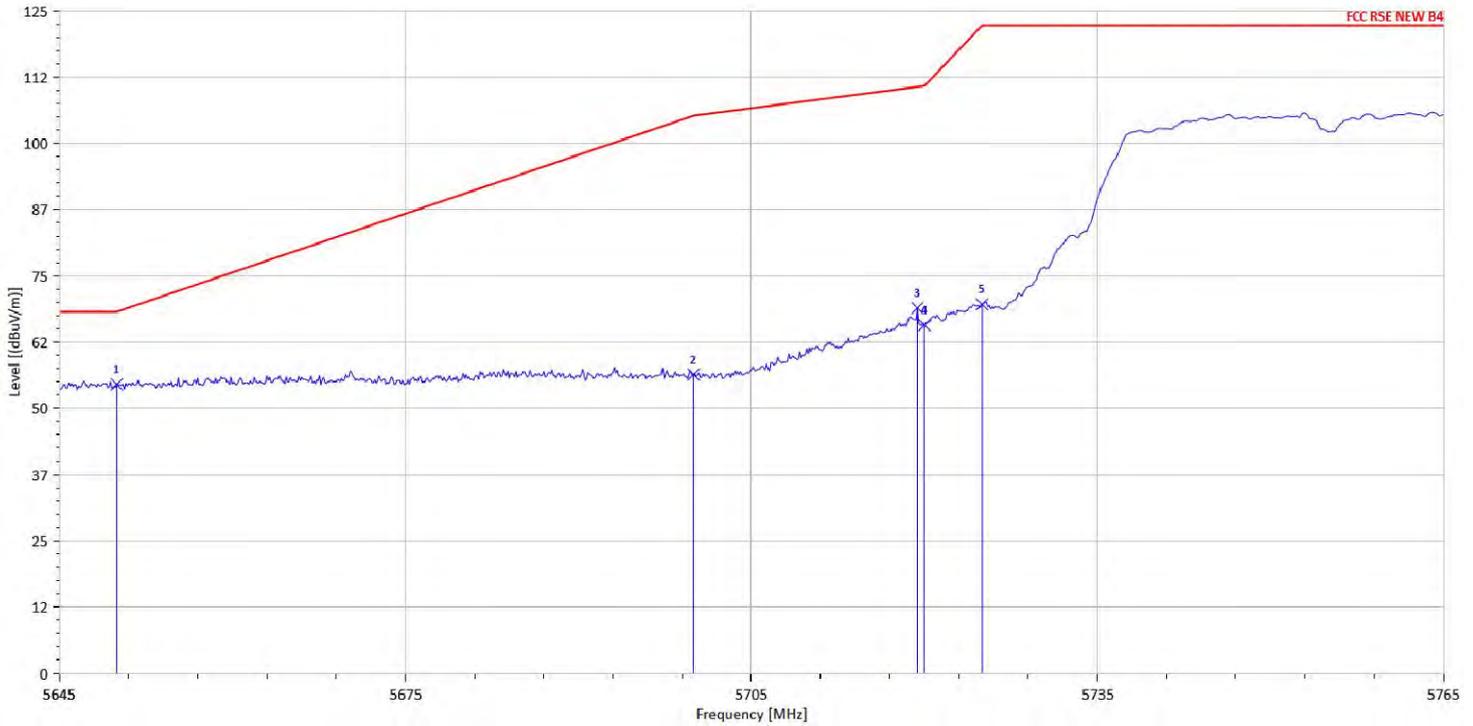
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.00	E	Peak	52.80	9.30	62.10	68.3	-6.20
5725.52	S	Peak	54.33	9.30	63.64	68.3	-4.66

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Operation Mode :	802.11ac40	Test Date :	2017/2/18
Fundamental Frequency :	5755 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



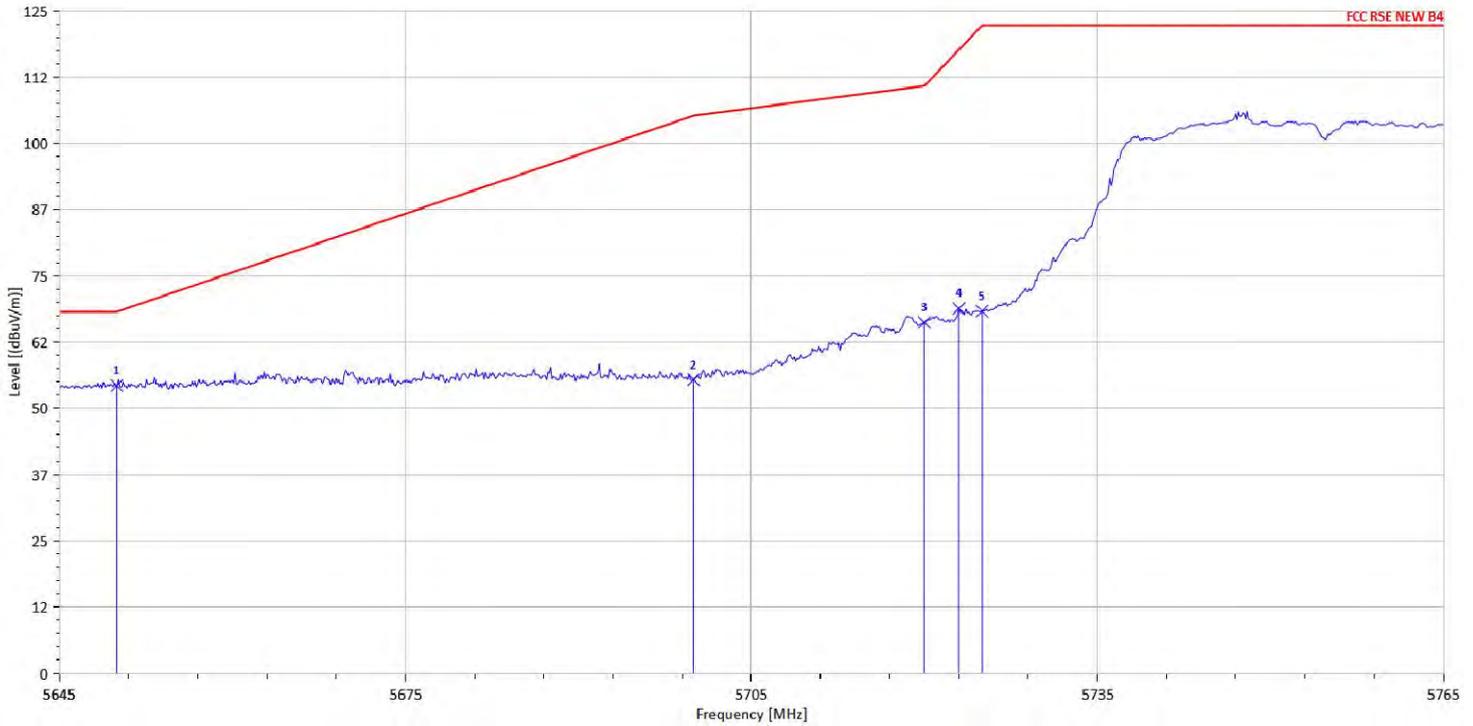
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	S	Peak	45.17	9.33	54.50	68.23	-13.73
5700.00	S	Peak	46.93	9.44	56.37	105.23	-48.86
5719.40	S	Peak	59.64	9.28	68.92	110.662	-41.74
5720.00	S	Peak	56.42	9.28	65.70	110.83	-45.13
5725.00	E	Peak	60.31	9.30	69.61	122.23	-52.62

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Operation Mode :	802.11ac40	Test Date :	2017/2/18
Fundamental Frequency :	5755 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



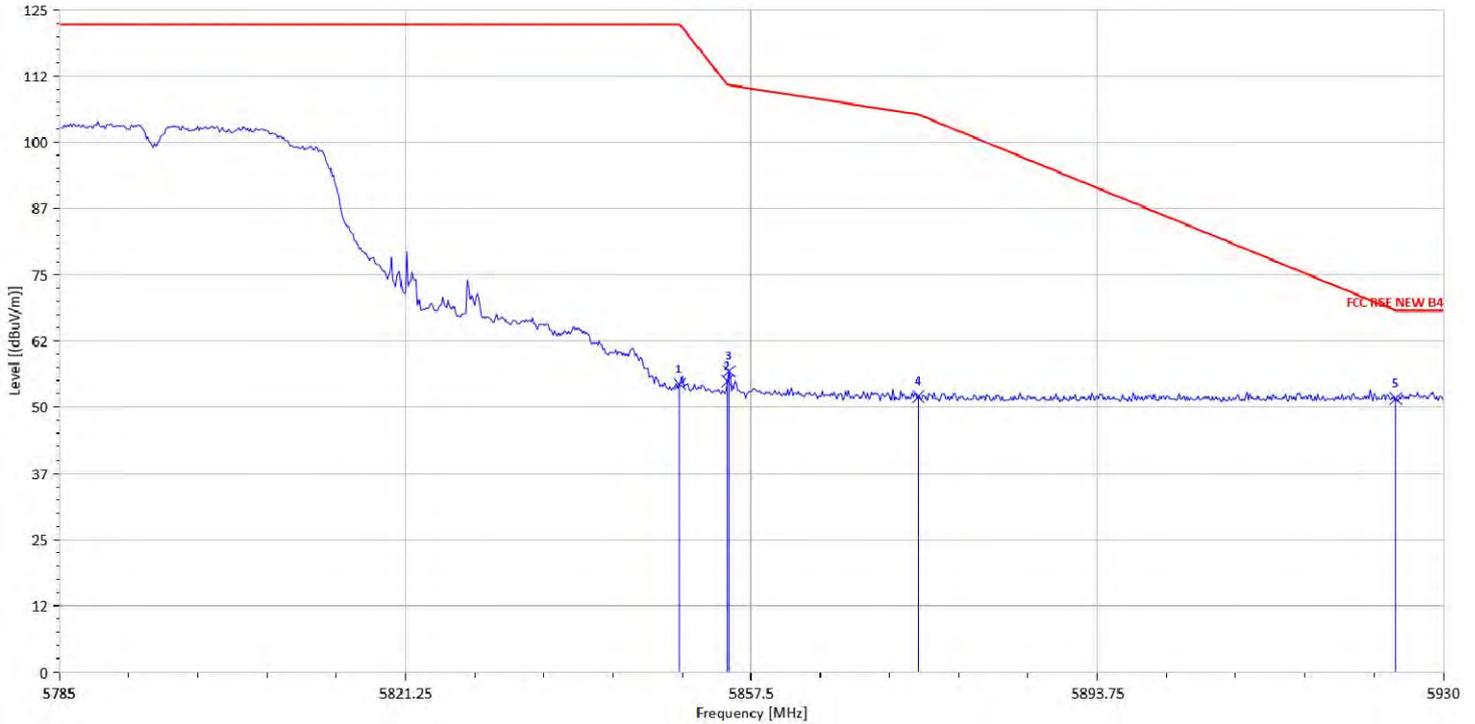
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5650.00	S	Peak	44.97	9.33	54.30	68.23	-13.93
5700.00	S	Peak	45.98	9.44	55.42	105.23	-49.81
5720.00	S	Peak	56.90	9.28	66.18	110.83	-44.65
5723.00	S	Peak	59.55	9.29	68.84	117.67	-48.83
5725.00	E	Peak	59.04	9.30	68.34	122.23	-53.89

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Operation Mode :	802.11ac40	Test Date :	2017/2/18
Fundamental Frequency :	5795 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



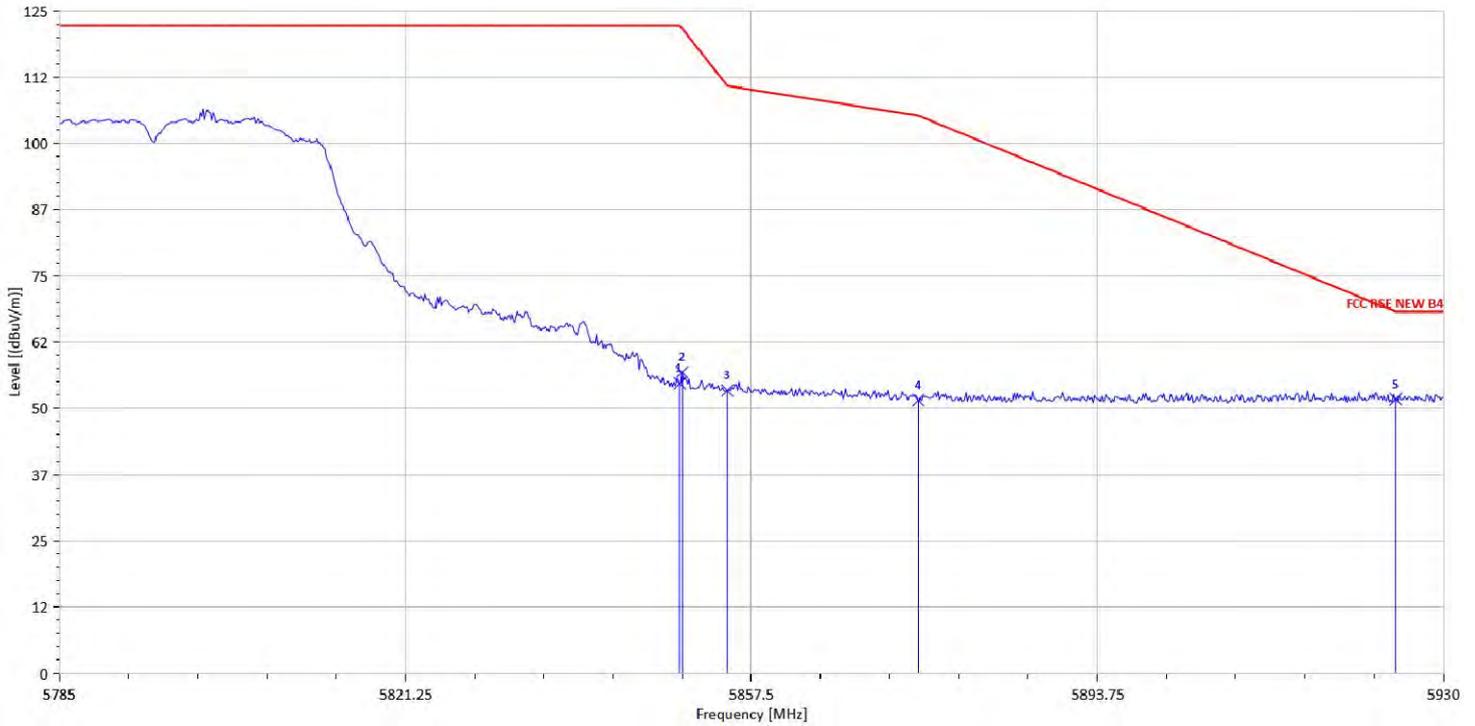
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.00	E	Peak	44.87	9.49	54.35	122.23	-67.88
5855.00	S	Peak	45.32	9.58	54.90	110.83	-55.93
5855.18	S	Peak	47.20	9.58	56.78	110.7796	-54.00
5875.00	S	Peak	42.38	9.63	52.01	105.23	-53.22
5925.00	S	Peak	41.60	10.01	51.61	68.23	-16.62

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Operation Mode :	802.11ac40	Test Date :	2017/2/18
Fundamental Frequency :	5795 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.00	E	Peak	45.20	9.49	54.69	122.23	-67.54
5850.25	S	Peak	47.32	9.49	56.81	121.66	-64.85
5855.00	S	Peak	43.78	9.58	53.36	110.83	-57.47
5875.00	S	Peak	41.93	9.63	51.56	105.23	-53.67
5925.00	S	Peak	41.71	10.01	51.73	68.23	-16.50

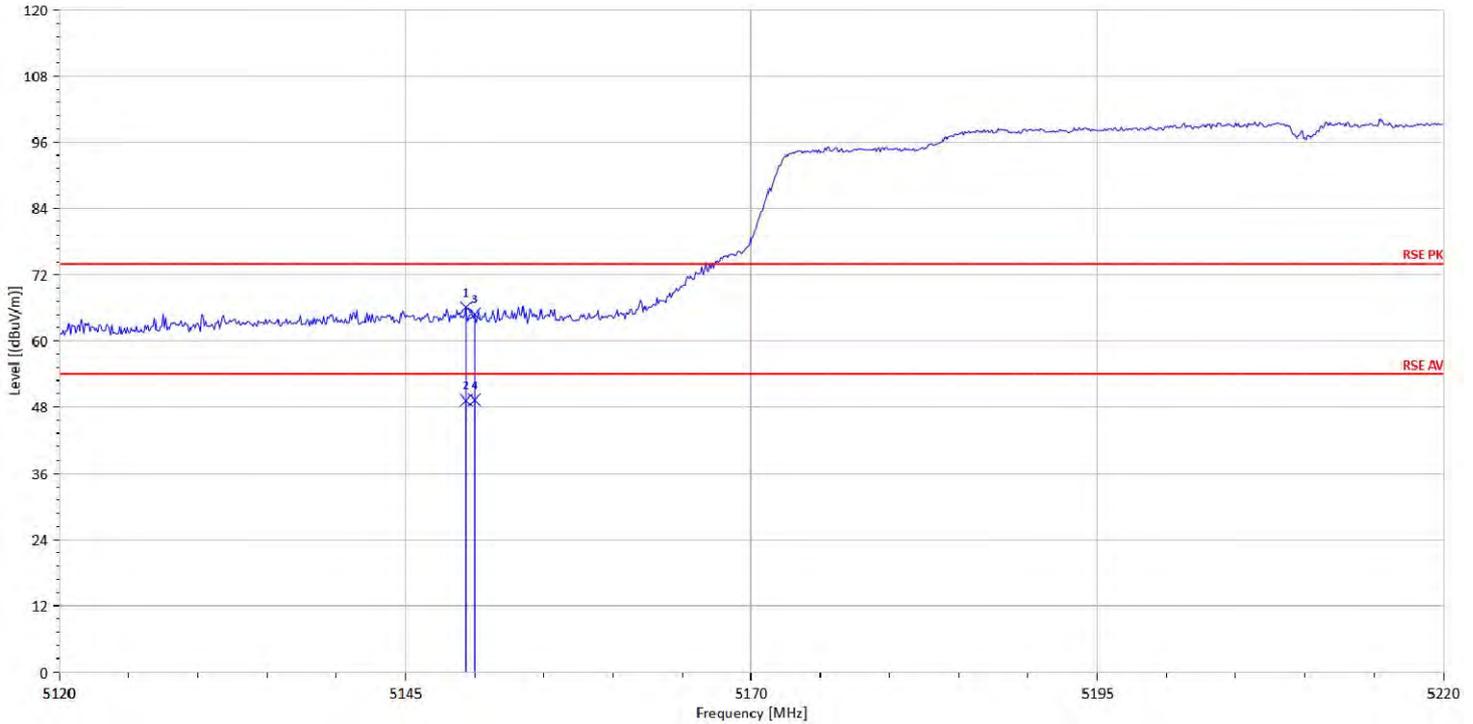
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802.11ac80 VHT mode

Operation Mode :	802.11ac80	Test Date :	2017/2/18
Fundamental Frequency :	5210 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



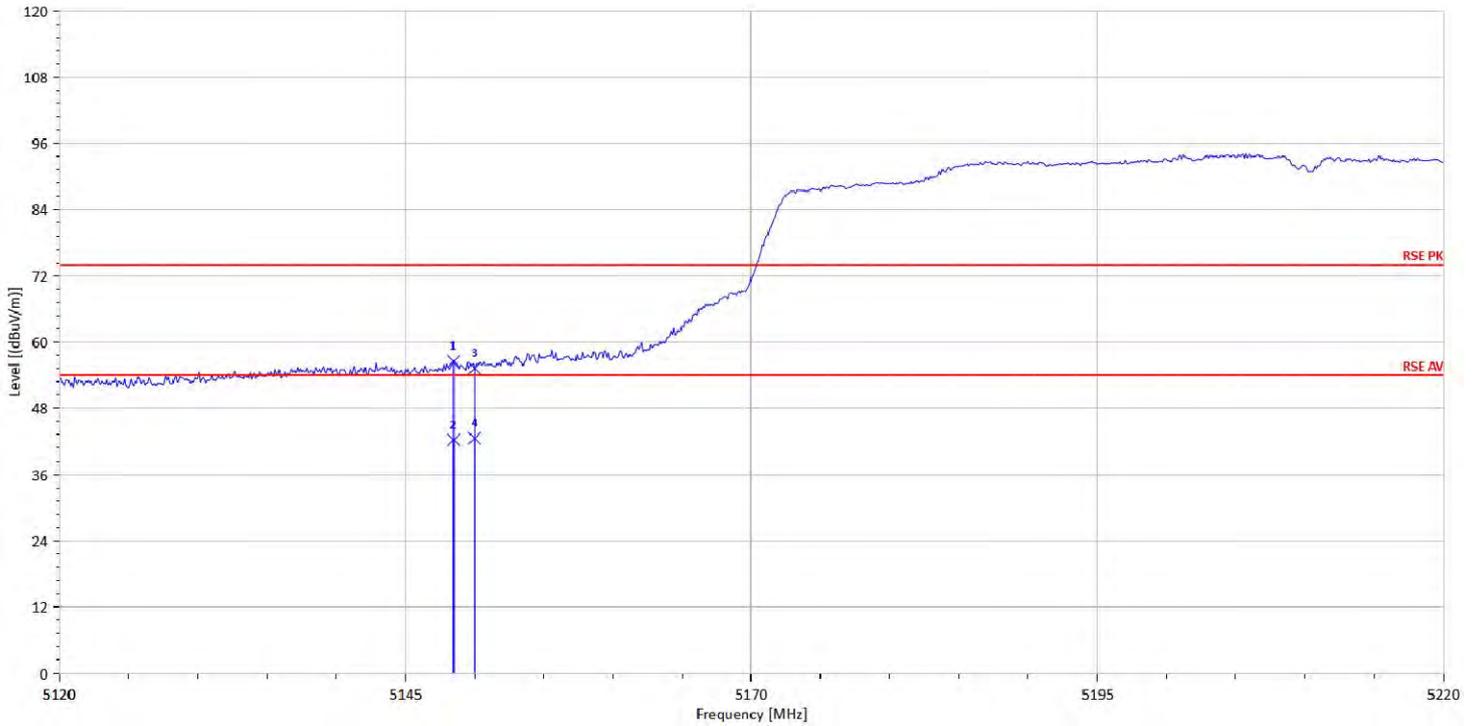
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5149.40	S	Peak	57.86	8.19	66.05	74	-7.95
5149.40	S	Average	41.05	8.19	49.24	54	-4.76
5150.00	E	Peak	56.70	8.19	64.89	74	-9.11
5150.00	E	Average	41.15	8.19	49.34	54	-4.66

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Operation Mode : 802.11ac80 Test Date : 2017/2/18
 Fundamental Frequency : 5210 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : BE CH Low Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



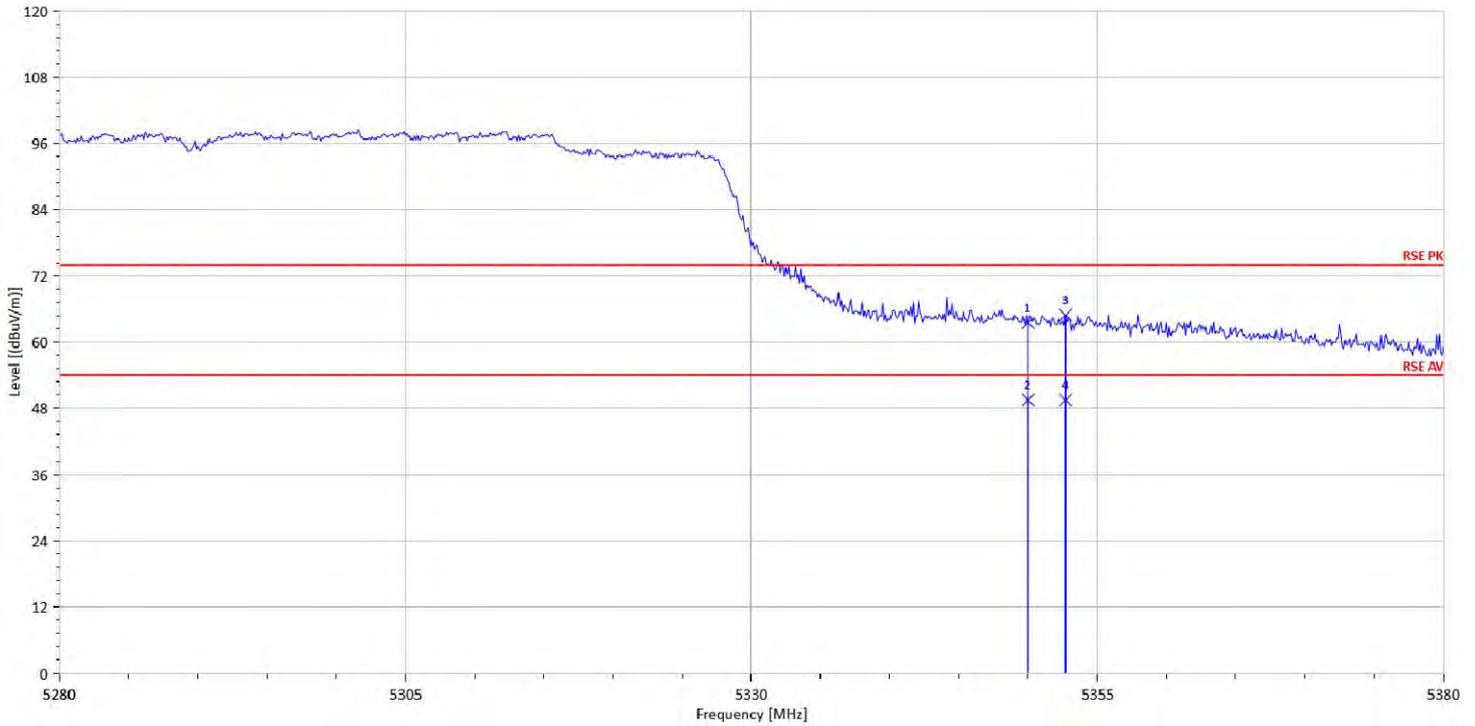
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5148.50	S	Peak	48.34	8.18	56.52	74	-17.48
5148.50	S	Average	34.10	8.18	42.28	54	-11.72
5150.00	E	Peak	47.08	8.19	55.27	74	-18.73
5150.00	E	Average	34.38	8.19	42.57	54	-11.43

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Operation Mode :	802.11ac80	Test Date :	2017/2/18
Fundamental Frequency :	5290 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



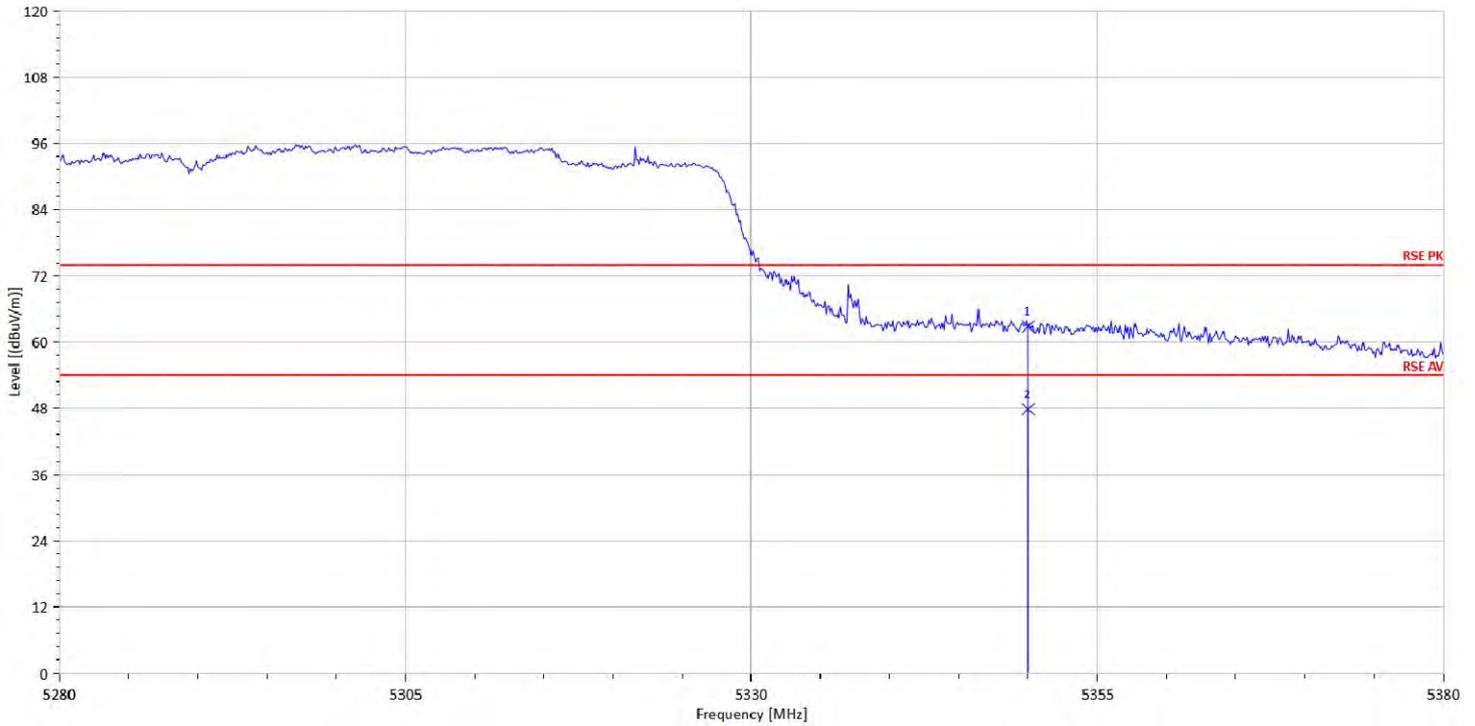
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5350.00	E	Peak	54.49	8.96	63.46	74	-10.54
5350.00	E	Average	40.55	8.96	49.51	54	-4.49
5352.70	S	Peak	55.91	8.99	64.90	74	-9.10
5352.70	S	Average	40.50	8.99	49.49	54	-4.51

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Operation Mode :	802.11ac80	Test Date :	2017/2/18
Fundamental Frequency :	5290 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



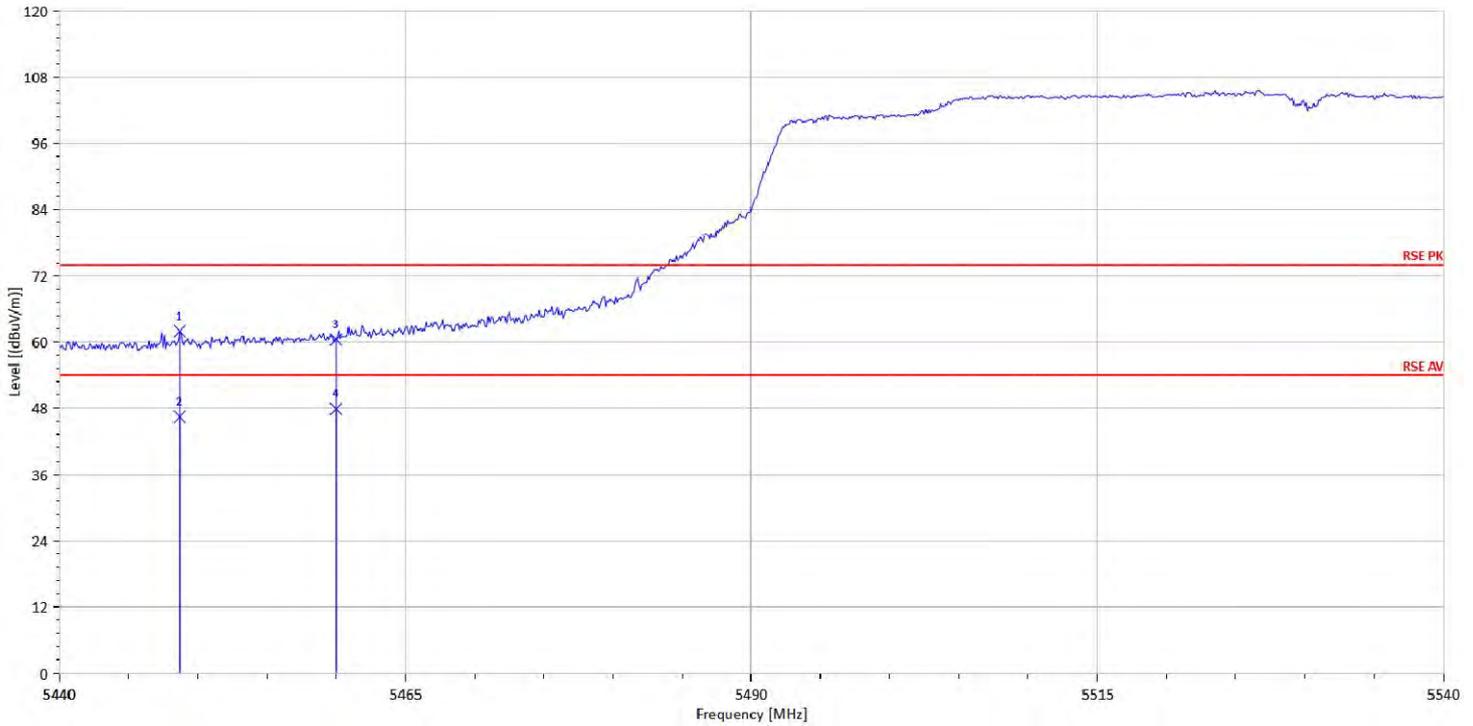
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	E	Peak	53.84	8.96	62.81	74	-11.19
5350.00	E	Average	38.89	8.96	47.85	54	-6.15

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Operation Mode : 802.11ac80 Test Date : 2017/2/18
 Fundamental Frequency : 5530 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : BE CH Low Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



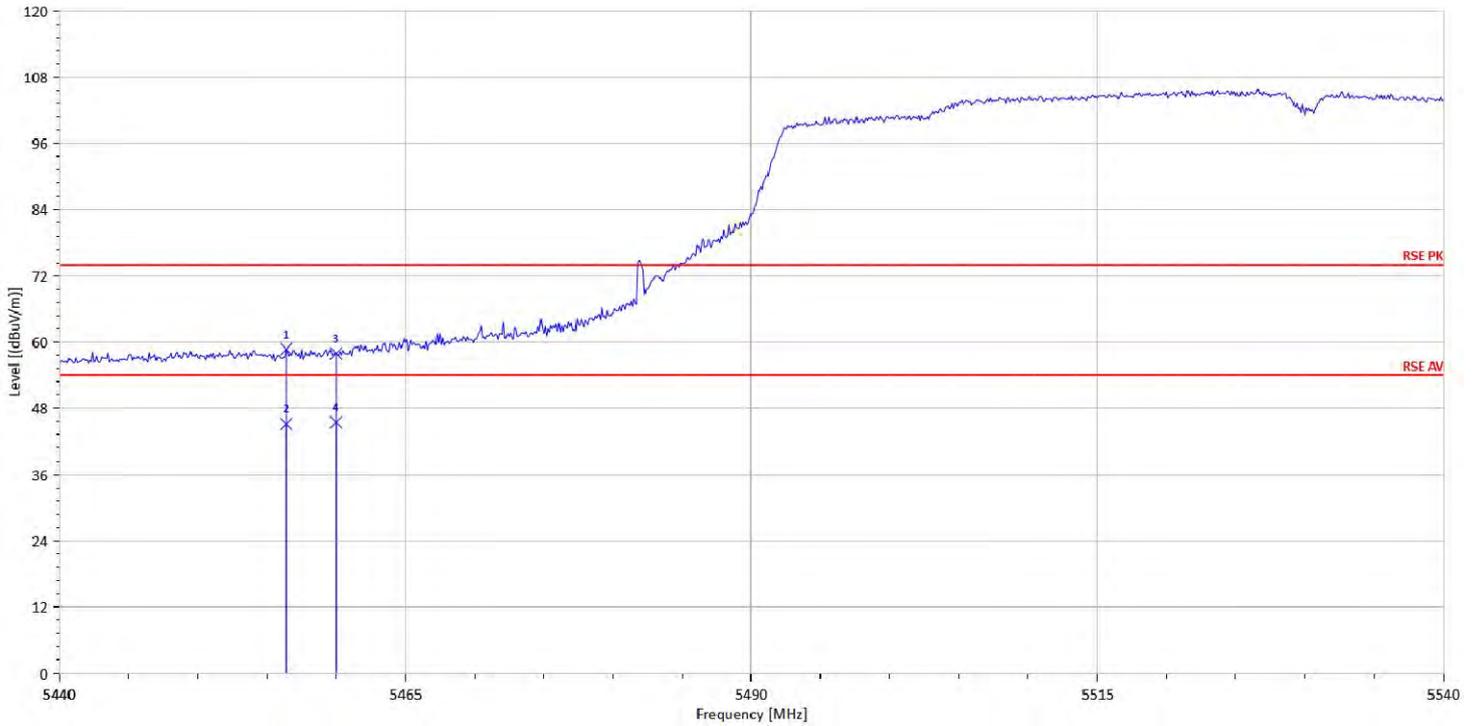
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5448.70	S	Peak	52.97	9.01	61.98	74	-12.02
5448.70	S	Average	37.45	9.01	46.46	54	-7.54
5460.00	E	Peak	51.57	8.88	60.45	74	-13.55
5460.00	E	Average	39.00	8.88	47.88	54	-6.12

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Operation Mode : 802.11ac80 Test Date : 2017/2/18
 Fundamental Frequency : 5530 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : BE CH Low Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



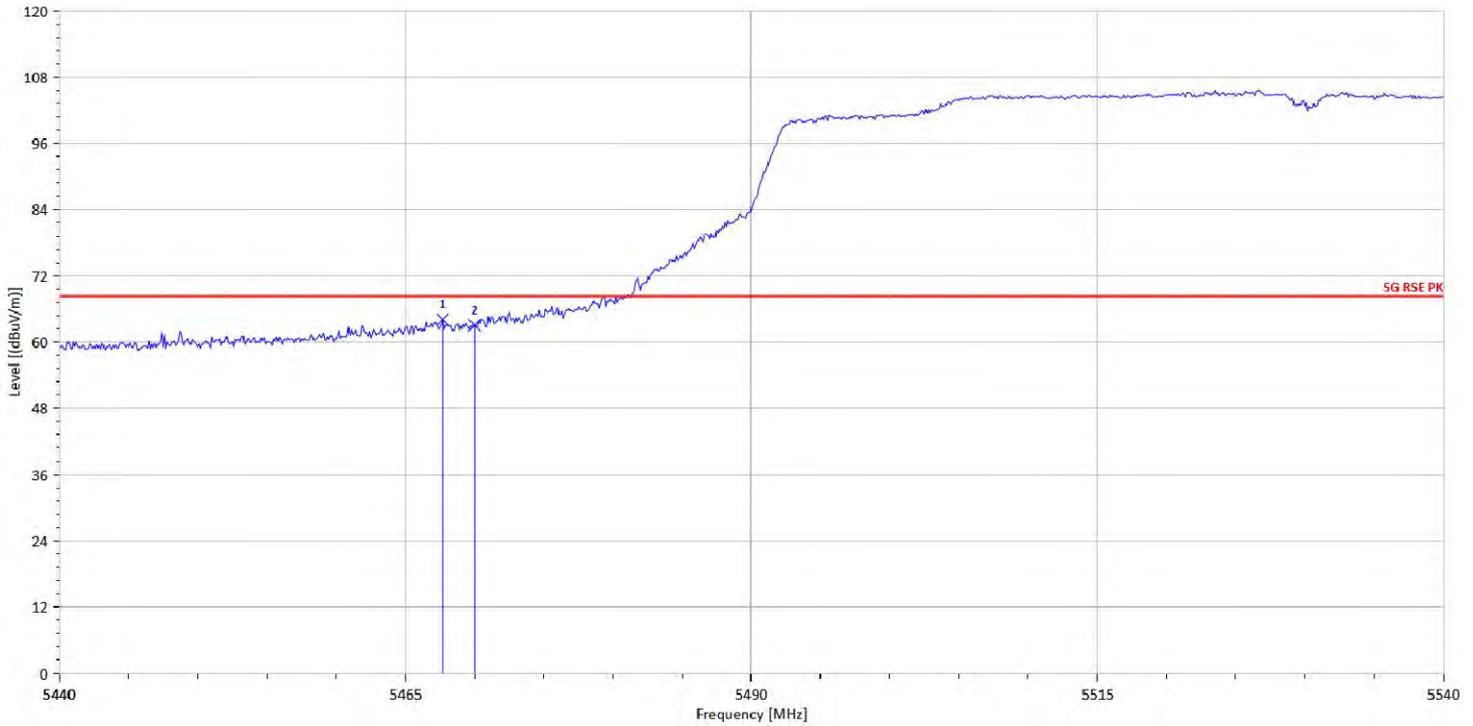
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5456.40	S	Peak	49.79	8.92	58.71	74	-15.29
5456.40	S	Average	36.24	8.92	45.16	54	-8.84
5460.00	E	Peak	49.04	8.88	57.93	74	-16.07
5460.00	E	Average	36.59	8.88	45.47	54	-8.53

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Operation Mode :	802.11ac80	Test Date :	2017/2/18
Fundamental Frequency :	5530 MHz	Temp. / Humi. :	22.7 deg_C/57RH
Operation Band :	BE CH Low RSE	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



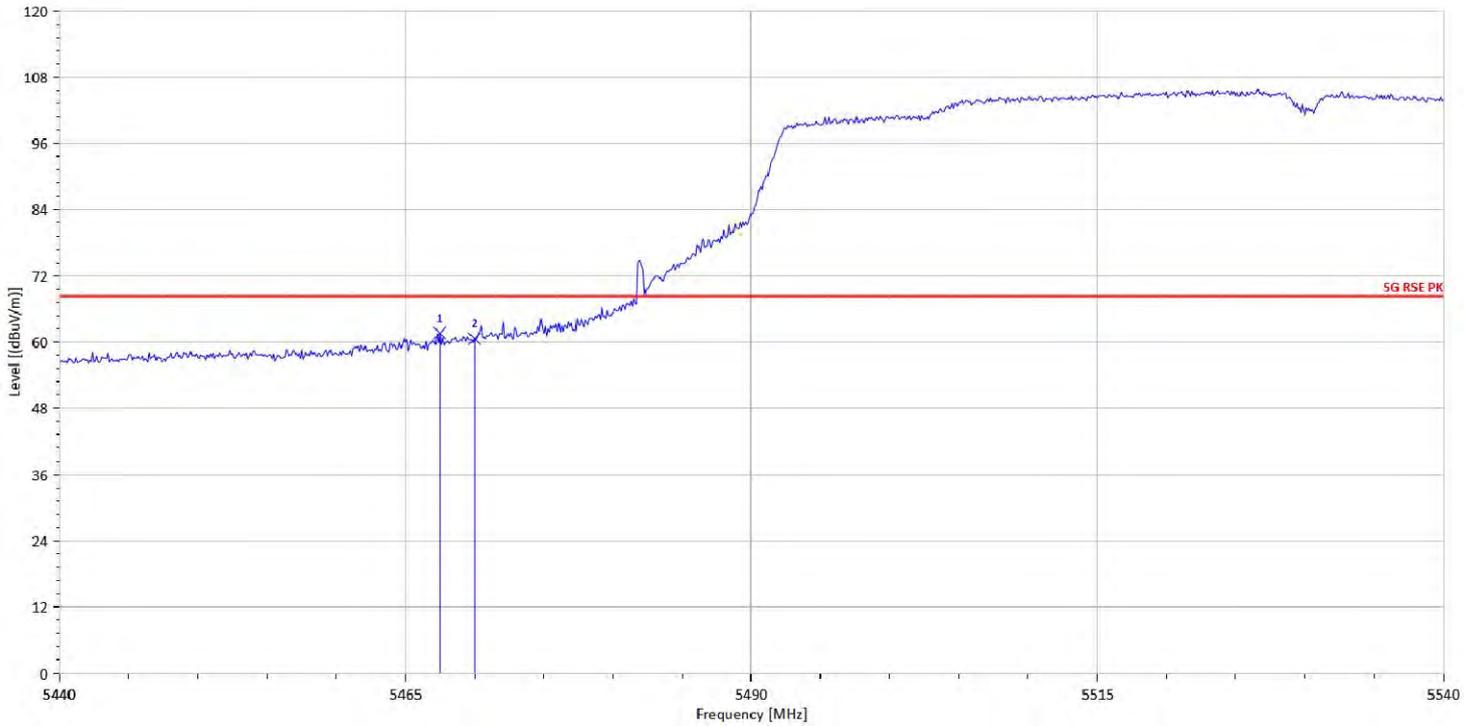
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5467.70	S	Peak	55.29	8.81	64.10	68.3	-4.20
5470.00	E	Peak	54.27	8.79	63.05	68.3	-5.25

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Operation Mode :	802.11ac80	Test Date :	2017/2/18
Fundamental Frequency :	5530 MHz	Temp. / Humi. :	22.7 deg_C/57RH
Operation Band :	BE CH Low RSE	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



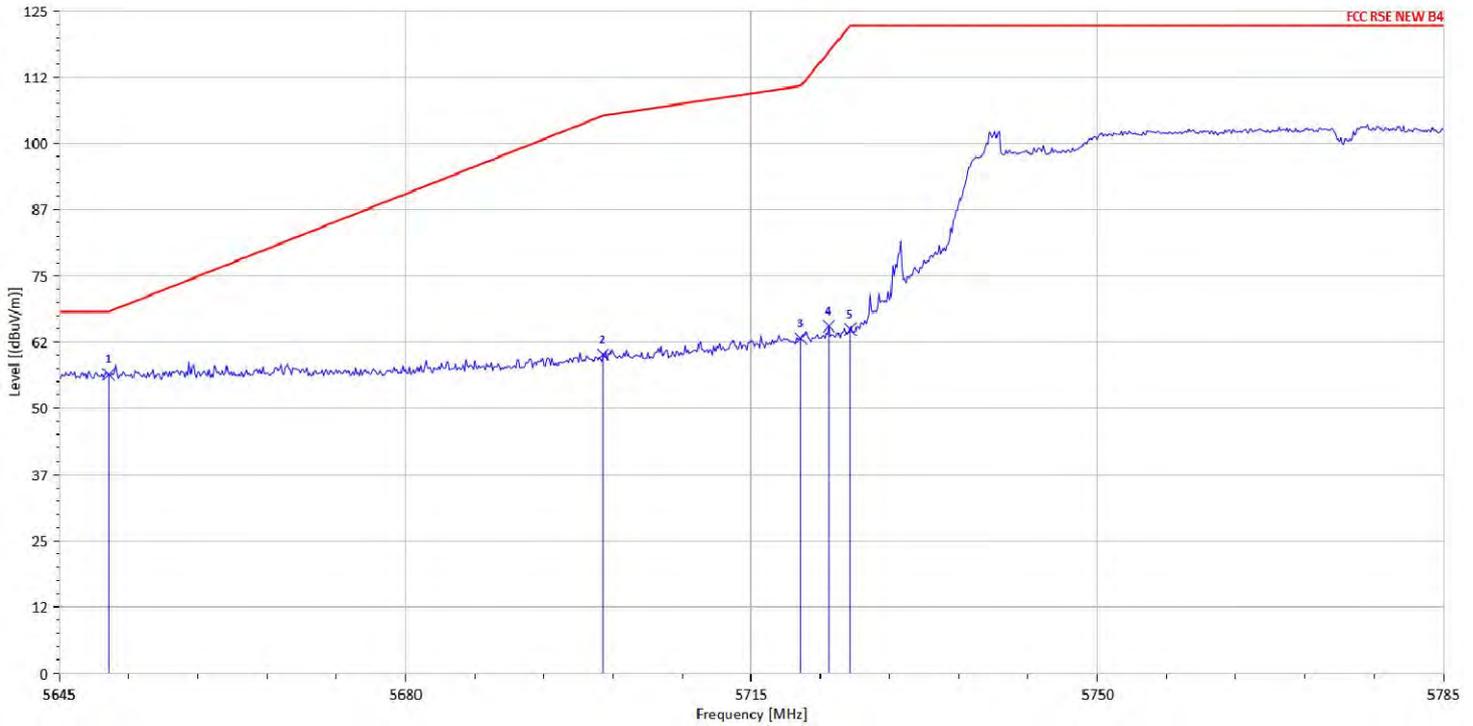
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5467.50	S	Peak	52.81	8.81	61.62	68.3	-6.68
5470.00	E	Peak	51.83	8.79	60.62	68.3	-7.68

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Operation Mode : 802.11ac80 Test Date : 2017/2/18
 Fundamental Frequency : 5775 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : BE CH Low Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



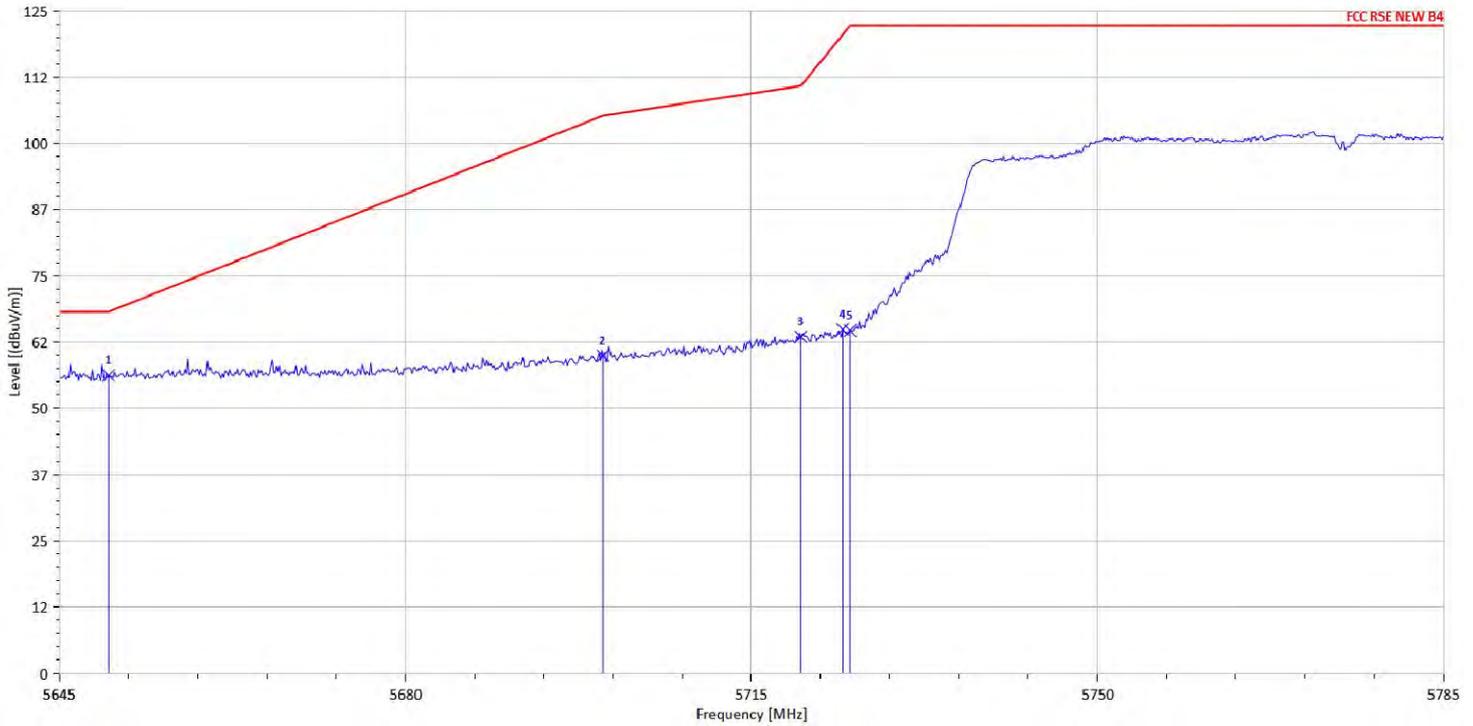
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	S	Peak	47.06	9.33	56.39	68.23	-11.84
5700.00	S	Peak	50.72	9.44	60.16	105.23	-45.07
5720.00	S	Peak	53.90	9.28	63.19	110.83	-47.64
5722.84	S	Peak	56.21	9.29	65.50	117.3048	-51.81
5725.00	E	Peak	55.61	9.30	64.91	122.23	-57.32

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Operation Mode : 802.11ac80 Test Date : 2017/2/18
 Fundamental Frequency : 5775 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : BE CH Low Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



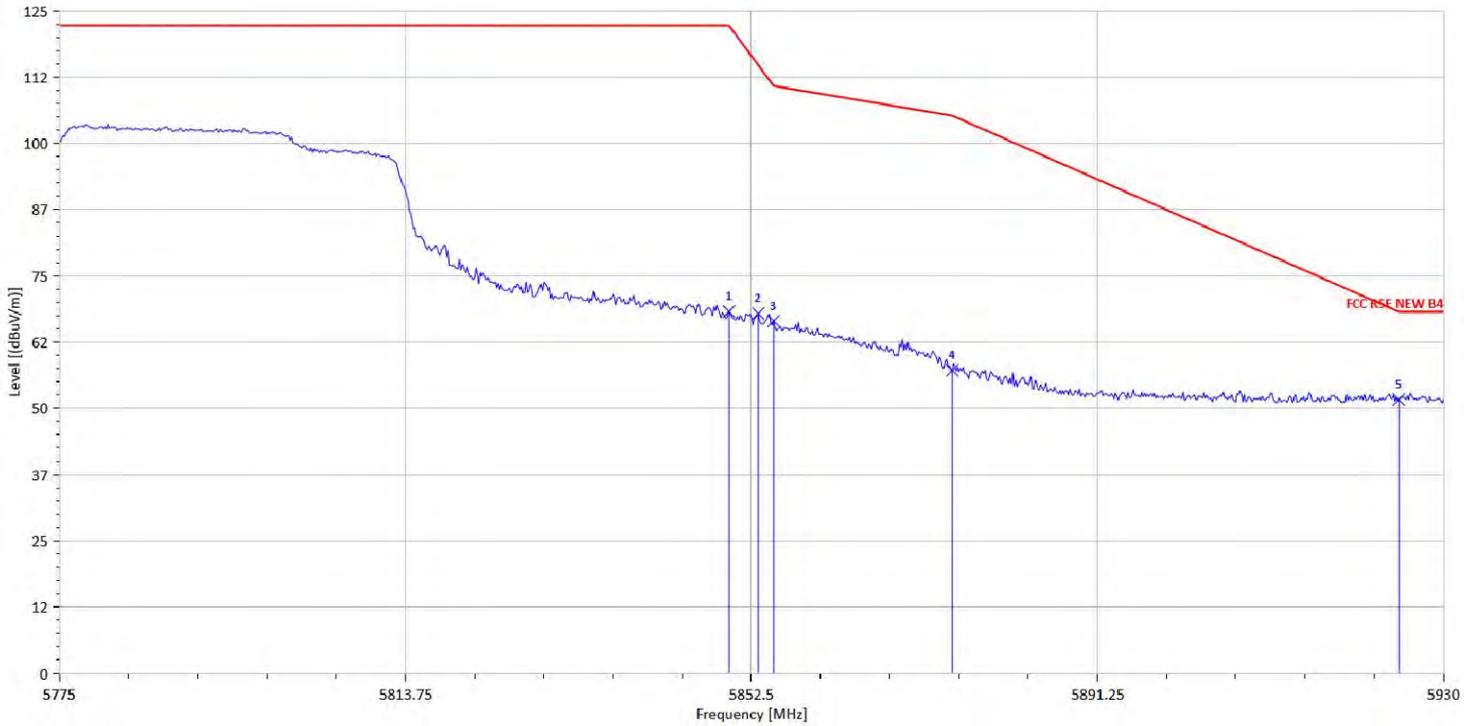
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5650.00	S	Peak	46.87	9.33	56.20	68.23	-12.03
5700.00	S	Peak	50.46	9.44	59.90	105.23	-45.33
5720.00	S	Peak	54.22	9.28	63.50	110.83	-47.33
5724.24	S	Peak	55.57	9.30	64.87	120.4977	-55.63
5725.00	E	Peak	55.37	9.30	64.67	122.23	-57.56

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Operation Mode :	802.11ac80	Test Date :	2017/2/18
Fundamental Frequency :	5775 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	BE CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



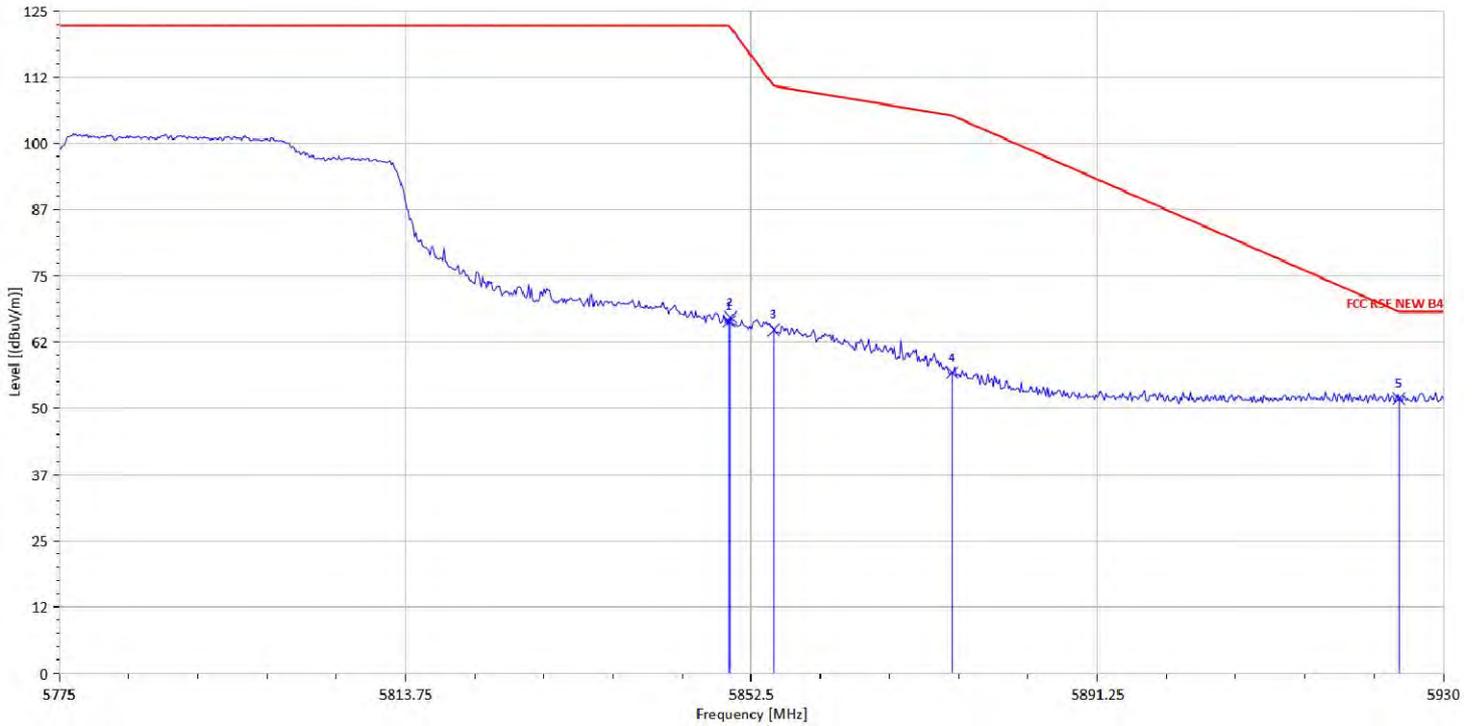
Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	E	Peak	58.76	9.49	68.25	122.23	-53.98
5853.28	S	Peak	58.32	9.55	67.87	114.7632	-46.89
5855.00	S	Peak	56.90	9.58	66.48	110.83	-44.35
5875.00	S	Peak	47.54	9.63	57.17	105.23	-48.06
5925.00	S	Peak	41.64	10.01	51.66	68.23	-16.57

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Operation Mode : 802.11ac80 Test Date : 2017/2/18
 Fundamental Frequency : 5775 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : BE CH High Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5850.00	E	Peak	56.91	9.49	66.40	122.23	-55.83
5850.18	S	Peak	57.69	9.49	67.19	121.8315	-54.64
5855.00	S	Peak	55.22	9.58	64.80	110.83	-46.03
5875.00	S	Peak	47.10	9.63	56.73	105.23	-48.50
5925.00	S	Peak	41.80	10.01	51.81	68.23	-16.42

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12 TRANSMISSION IN THE ABSENCE OF DATA

12.1 Standard Applicable

According to §15.407(c)

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

12.2 Result

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ASK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

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13 FREQUENCY STABILITY

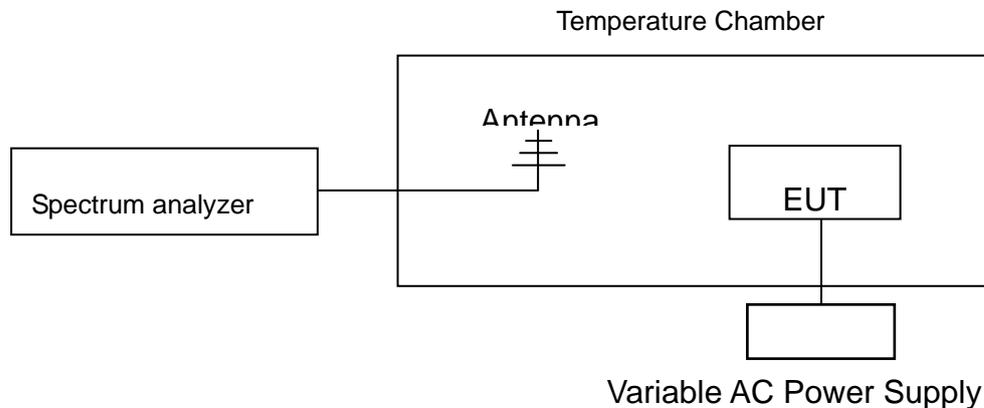
13.1 Standard Applicable

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

13.2 Measurement Procedure

1. The EUT was placed inside temperature chamber and powered and powered by nominal DC voltage.
2. Set EUT as normal operation.
3. Turn the EUT on and couple its output to spectrum.
4. Turn the EUT off and set the chamber to the highest temperature specified.
5. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT and measure the operating frequency.
6. Repeat step with the temperature chamber set to the lowest temperature.

13.3 Test SET-UP



13.4 Measurement Equipment Used:

SGS Conducted Room					
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due
Spectrum Analyzer	KEYSIGHT	N9010A	MY54510568	04/14/2016	04/13/2017
Coaxial Cable 30cm	WOKEN	00100A1F1A195C	RF01	12/12/2016	12/11/2017
DC Block	PASTERNAK	PE8210	RF29	12/12/2016	12/11/2017
Attenuator	WOKEN	218FS-10	RF23	12/12/2016	12/11/2017
DC Power Supply	Agilent	E3640A	MY53140006	05/04/2016	05/03/2017
DC Power Supply	Agilent	E3634A	MY53180030	05/17/2016	05/16/2017

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13.5 Measurement Result

Operation Mode	802.11 a	Test Date	2017.02.20
Temperature	:23	Test By	Pony
Humidity	:61 %		

Test Temp.	Test Voltage	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
-10	8.36V	36	5180	5,180.03003	-0.00000580
		44	5220	5,220.00000	0.00000000
		48	5240	5,240.01514	-0.00000289
		52	5260	5,260.00000	0.00000000
		60	5300	5,300.03003	-0.00000567
		64	5320	5,320.01489	-0.00000280
		100	5500	5,500.00000	0.00000000
		116	5580	5,580.03003	-0.00000538
		140	5700	5,700.01514	-0.00000266
		149	5745	5,745.04492	-0.00000782
		157	5785	5,785.03003	-0.00000519
		165	5825	5,825.00000	0.00000000
	6.6V	36	5180	5,180.03003	-0.00000580
		44	5220	5,220.03003	-0.00000575
		48	5240	5,240.03003	-0.00000573
		52	5260	5,260.03003	-0.00000571
		60	5300	5,300.05981	-0.00001129
		64	5320	5,320.03003	-0.00000564
		100	5500	5,500.03003	-0.00000546
		116	5580	5,580.04492	-0.00000805
		140	5700	5,700.02979	-0.00000523
		149	5745	5,745.00000	0.00000000
		157	5785	5,785.01489	-0.00000257
		165	5825	5,825.01489	-0.00000256

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25	7.6V	36	5180	5,180.03003	-0.00000580
		44	5220	5,220.01489	-0.00000285
		48	5240	5,240.04492	-0.00000857
		52	5260	5,260.00000	0.00000000
		60	5300	5,300.01514	-0.00000286
		64	5320	5,320.01489	-0.00000280
		100	5500	5,499.98511	0.00000271
		116	5580	5,580.01489	-0.00000267
		140	5700	5,700.03003	-0.00000527
		149	5745	5,745.03003	-0.00000523
		157	5785	5,785.01514	-0.00000262
		165	5825	5,825.01514	-0.00000260
55	8.36V	36	5180	5,180.02979	-0.00000575
		44	5220	5,220.01489	-0.00000285
		48	5240	5,240.01489	-0.00000284
		52	5260	5,260.03003	-0.00000571
		60	5300	5,300.05981	-0.00001129
		64	5320	5,320.01489	-0.00000280
		100	5500	5,500.00000	0.00000000
		116	5580	5,580.01489	-0.00000267
		140	5700	5,700.03003	-0.00000527
		149	5745	5,744.98511	0.00000259
		157	5785	5,785.01514	-0.00000262
		165	5825	5,825.01514	-0.00000260
	6.6V	36	5180	5,180.01489	-0.00000288
		44	5220	5,220.03003	-0.00000575
		48	5240	5,240.03003	-0.00000573
		52	5260	5,260.03003	-0.00000571
		60	5300	5,300.03003	-0.00000567
		64	5320	5,320.04492	-0.00000844
		100	5500	5,500.03003	-0.00000546
		116	5580	5,580.00000	0.00000000
		140	5700	5,700.05981	-0.00001049
		149	5745	5,745.01514	-0.00000263
		157	5785	5,785.03003	-0.00000519
		165	5825	5,825.03003	-0.00000516

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Operation Mode	802.11 n_HT40	Test Date	2017.02.20
Temperature	:23	Test By	Pony
Humidity	:61 %		

Test Temp.	Test Voltage	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
-10	8.36V	38	5190	5,190.05005	-0.00000964
		46	5230	5,230.07495	-0.00001433
		54	5270	5,270.07495	-0.00001422
		62	5310	5,310.05005	-0.00000943
		102	5510	5,510.05005	-0.00000908
		110	5550	5,550.05005	-0.00000902
		134	5670	5,670.05005	-0.00000883
		151	5755	5,755.05005	-0.00000870
		159	5795	5,795.05005	-0.00000864
	6.6V	38	5190	5,190.05005	-0.00000964
		46	5230	5,230.05005	-0.00000957
		54	5270	5,270.09985	-0.00001895
		62	5310	5,310.02490	-0.00000469
		102	5510	5,510.05005	-0.00000908
		110	5550	5,550.05005	-0.00000902
		134	5670	5,670.05005	-0.00000883
		151	5755	5,755.02515	-0.00000437
		159	5795	5,795.05005	-0.00000864

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25	7.6V	38	5190	5,190.05005	-0.00000964
		46	5230	5,230.02490	-0.00000476
		54	5270	5,270.05005	-0.00000950
		62	5310	5,310.07495	-0.00001412
		102	5510	5,510.07495	-0.00001360
		110	5550	5,550.05005	-0.00000902
		134	5670	5,670.05005	-0.00000883
		151	5755	5,755.02515	-0.00000437
		159	5795	5,795.07495	-0.00001293
55	8.36V	38	5190	5,190.02515	-0.00000485
		46	5230	5,230.05005	-0.00000957
		54	5270	5,270.05005	-0.00000950
		62	5310	5,310.05005	-0.00000943
		102	5510	5,510.05005	-0.00000908
		110	5550	5,550.04981	-0.00000897
		134	5670	5,670.02515	-0.00000443
		151	5755	5,755.07495	-0.00001302
		159	5795	5,795.05005	-0.00000864
	6.6V	38	5190	5,190.07495	-0.00001444
		46	5230	5,230.07495	-0.00001433
		54	5270	5,270.05005	-0.00000950
		62	5310	5,310.05005	-0.00000943
		102	5510	5,510.05005	-0.00000908
		110	5550	5,550.05005	-0.00000902
		134	5670	5,670.05005	-0.00000883
		151	5755	5,755.05005	-0.00000870
		159	5795	5,795.02515	-0.00000434

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Operation Mode	802.11 ac_VHT80	Test Date	2017.02.20
Temperature	:23	Test By	Pony
Humidity	:61 %		

Test Temp.	Test Voltage	Channel	Measured Frequency (MHz)	Spectrum Frequency (MHz)	ΔFrequency (MHz)
-10	8.36V	42	5210	5,210.75000	-0.00014395
		58	5290	5,290.14990	-0.00002834
		106	5530	5,530.20020	-0.00003620
		122	5610	5,609.50000	0.00008913
		155	5775	5,775.05005	-0.00000867
	6.6V	42	5210	5,210.10010	-0.00001921
		58	5290	5,290.05005	-0.00000946
		106	5530	5,530.10010	-0.00001810
		122	5610	5,609.85010	0.00002672
		155	5775	5,774.85010	0.00002596
25	7.6V	42	5210	5,210.39990	-0.00007676
		58	5290	5,290.10010	-0.00001892
		106	5530	5,530.10010	-0.00001810
		122	5610	5,610.09985	-0.00001780
		155	5775	5,774.94995	0.00000867
55	8.36V	42	5210	5,209.60010	0.00007676
		58	5290	5,290.75000	-0.00014178
		106	5530	5,530.10010	-0.00001810
		122	5610	5,609.84985	0.00002676
		155	5775	5,775.00000	0.00000000
	6.6V	42	5210	5,210.10010	-0.00001921
		58	5290	5,290.10010	-0.00001892
		106	5530	5,529.95020	0.00000901
		122	5610	5,609.95020	0.00000888
		155	5775	5,774.85010	0.00002596

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14 ANTENNA REQUIREMENT

14.1 Standard Applicable

According to §15.203, an intentional radiator shall be designed to ensure that no antenna other than furnished by the responsible party shall be used with the device.

According to §15.407, If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

14.2 Antenna Connected Construction

PCB antenna designs are used.

The antenna is designed with unique type RF connector and no consideration of replacement. Please see EUT photo and antenna spec. for details.

The antenna gain is less than 6dBi. Therefore, it is not necessary to reduce maximum output power limit.

~ End of Report ~

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