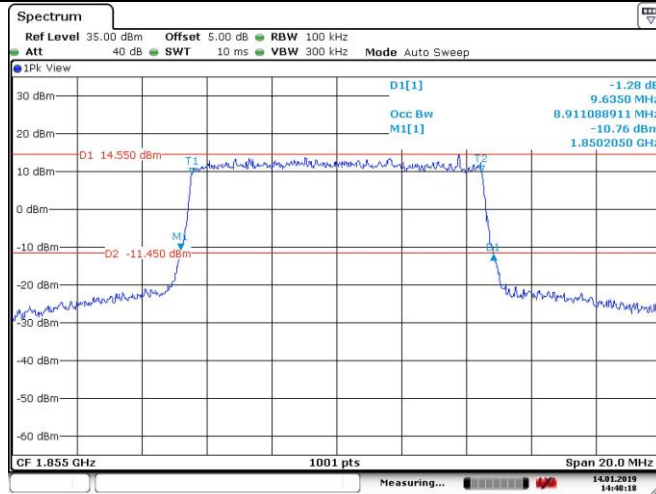
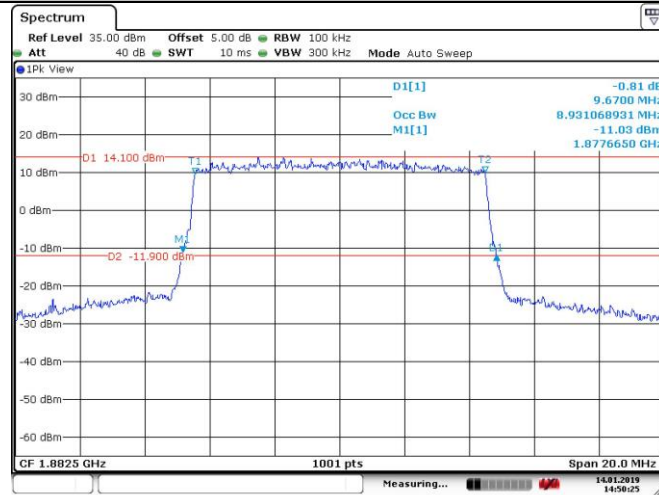


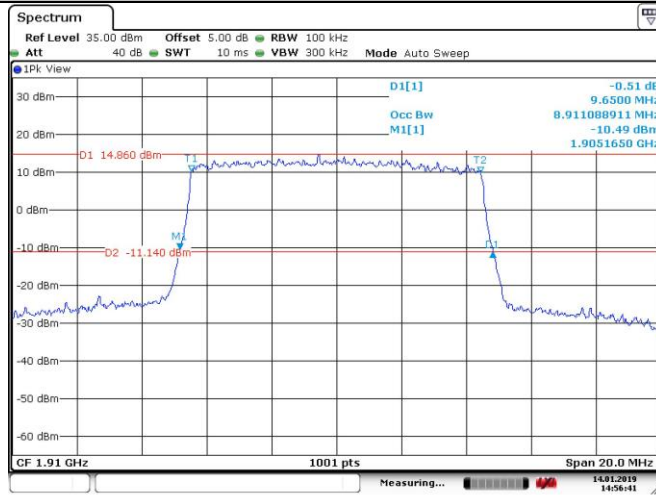
### Band25\_10MHz\_16QAM\_26090\_50RB#0



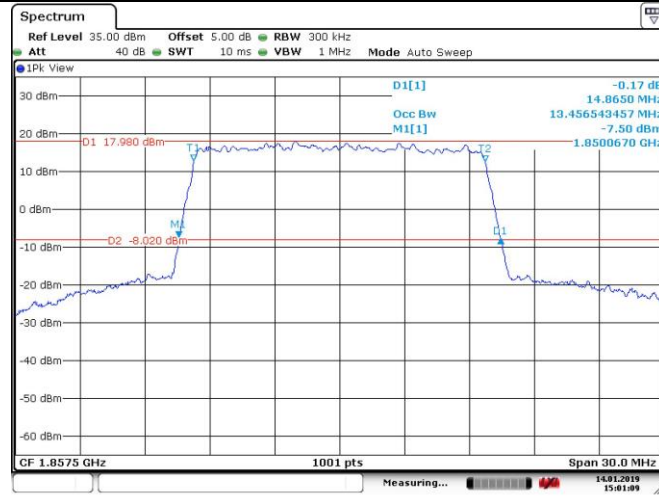
### Band25\_10MHz\_16QAM\_26365\_50RB#0



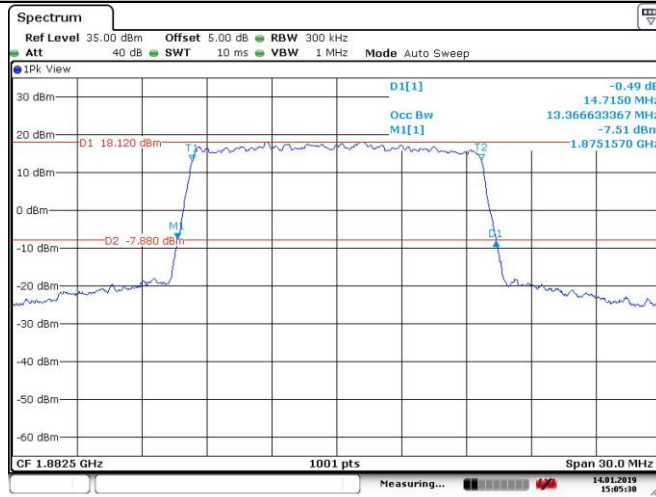
### Band25\_10MHz\_16QAM\_26640\_50RB#0



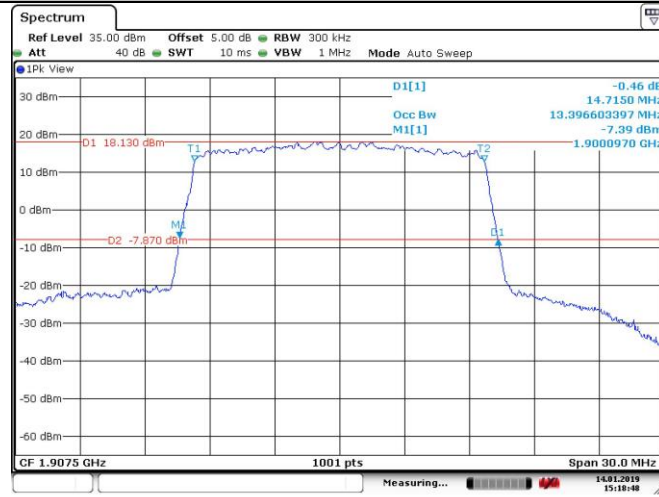
### Band25\_15MHz\_QPSK\_26115\_75RB#0



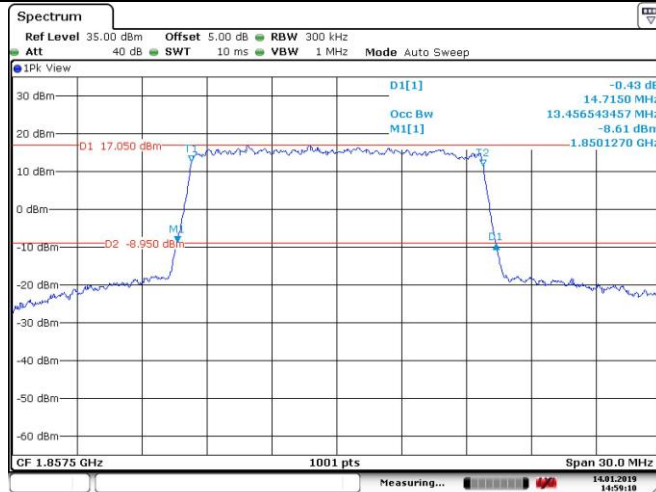
### Band25\_15MHz\_QPSK\_26365\_75RB#0



### Band25\_15MHz\_QPSK\_26615\_75RB#0

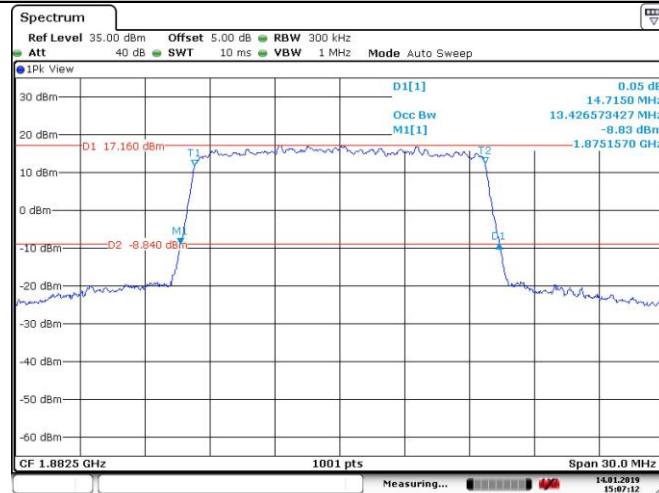


### Band25\_15MHz\_16QAM\_26115\_75RB#0



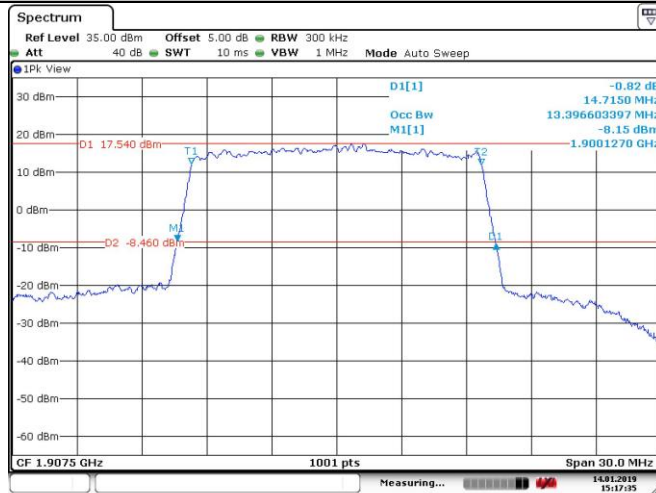
Date: 14 JAN 2019 14:59:10

### Band25\_15MHz\_16QAM\_26365\_75RB#0



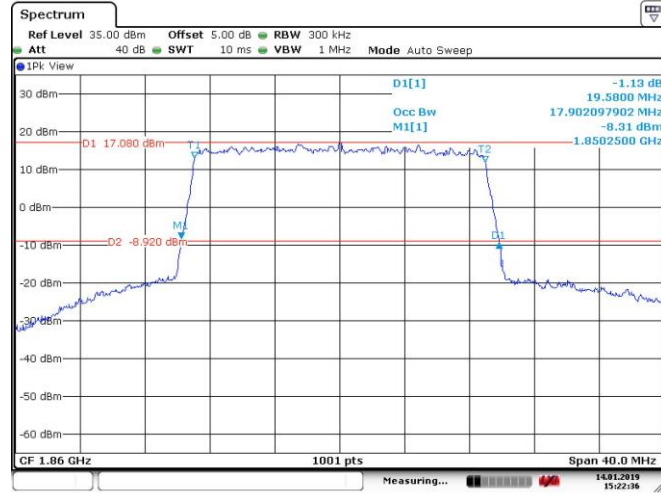
Date: 14 JAN 2019 15:07:13

### Band25\_15MHz\_16QAM\_26615\_75RB#0

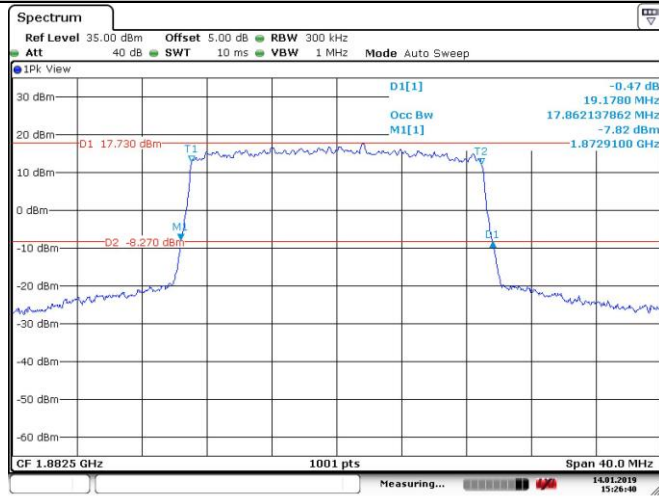


Date: 14 JAN 2019 15:17:35

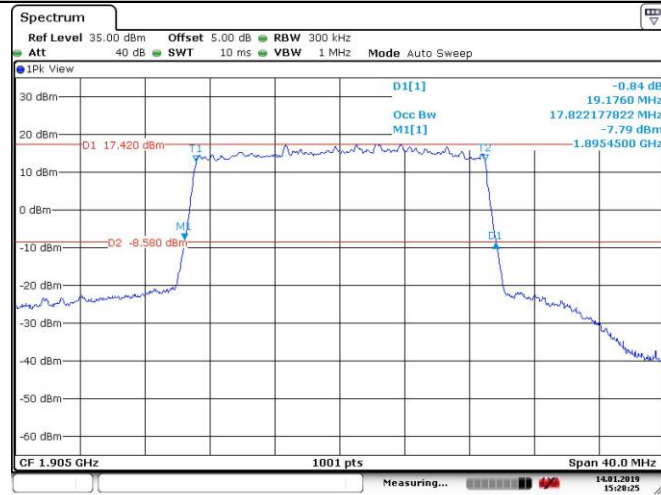
### Band25\_20MHz\_QPSK\_26140\_100RB#0



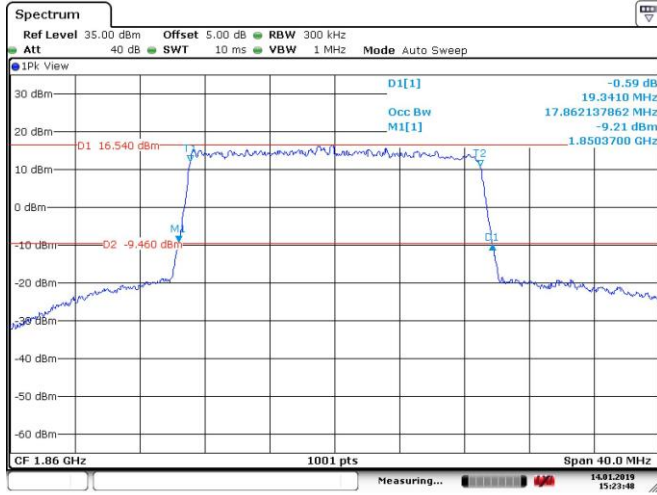
### Band25\_20MHz\_QPSK\_26365\_100RB#0



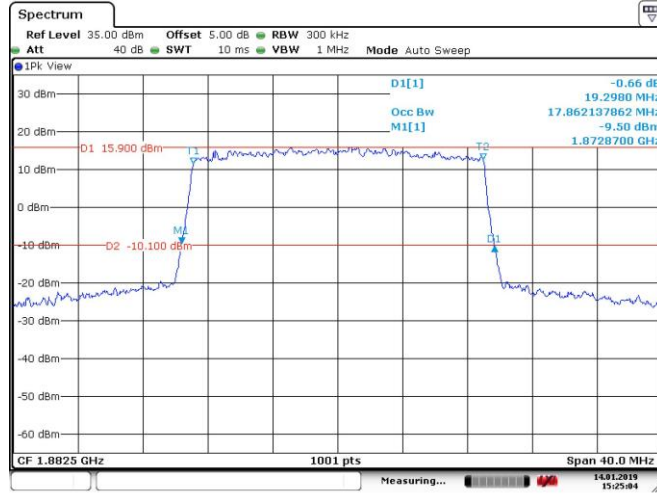
### Band25\_20MHz\_QPSK\_26590\_100RB#0



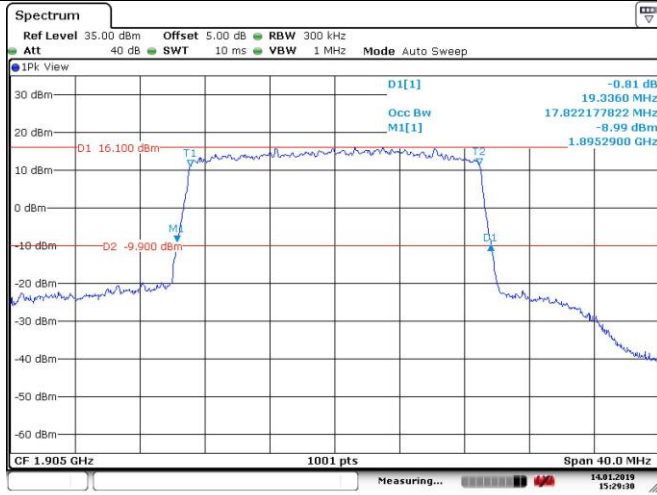
### Band25\_20MHz\_16QAM\_26140\_100RB#0



### Band25\_20MHz\_16QAM\_26365\_100RB#0

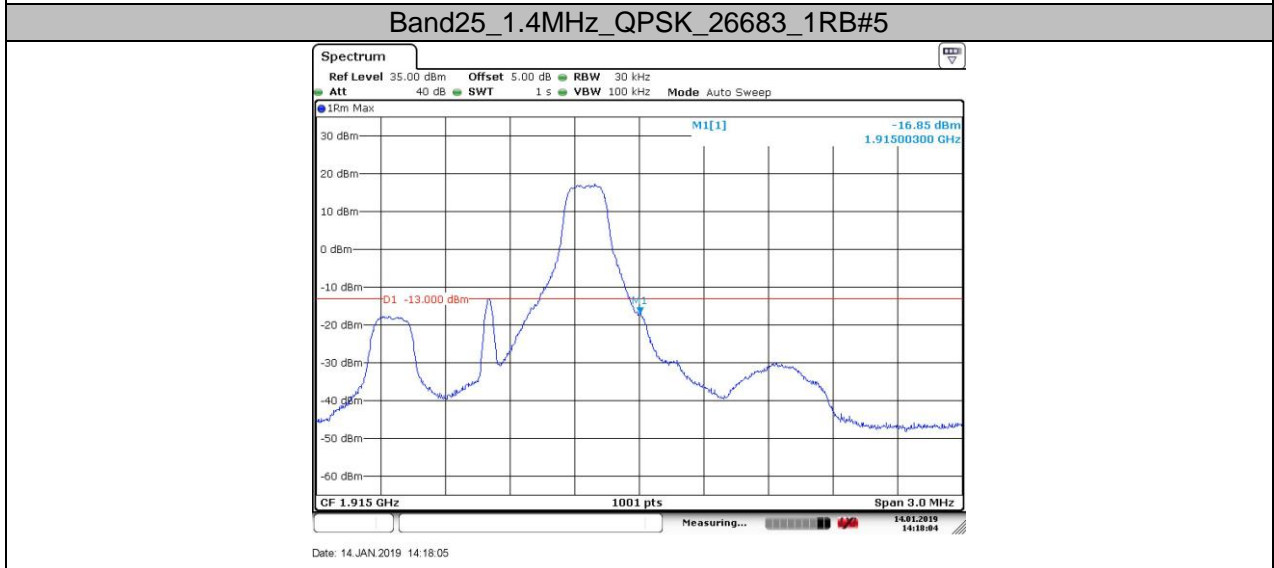
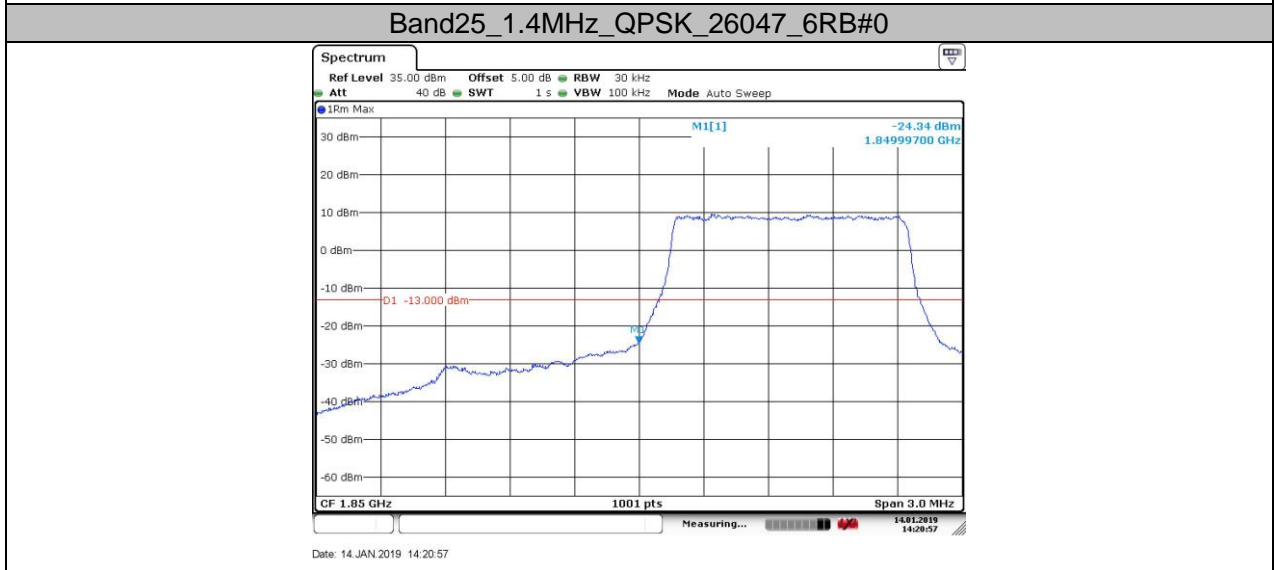
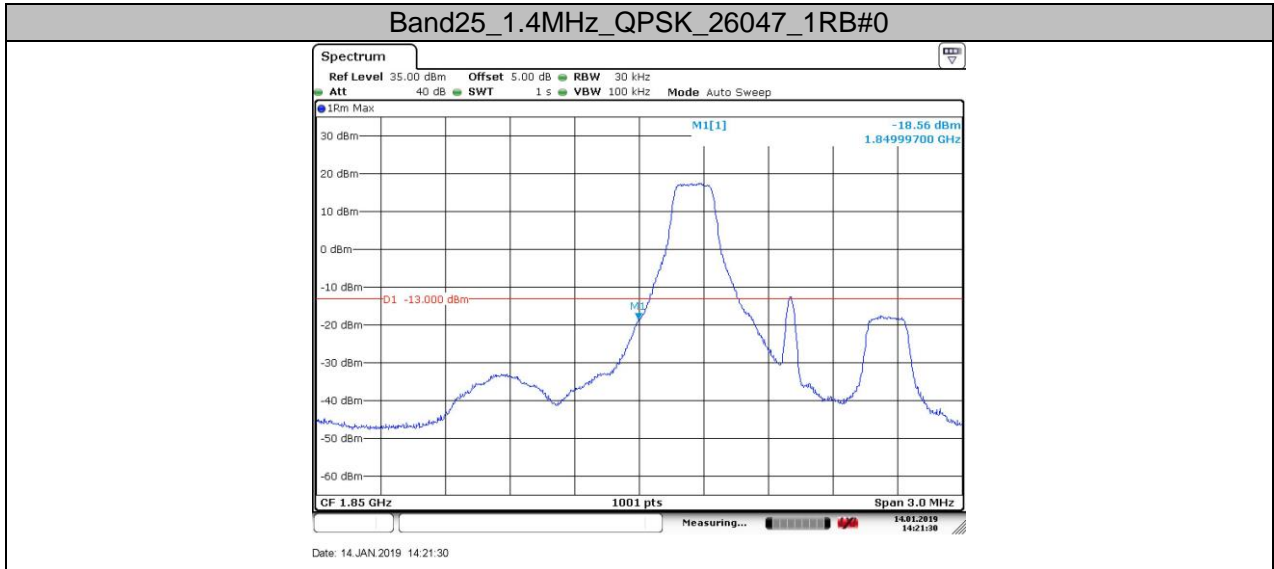


### Band25\_20MHz\_16QAM\_26590\_100RB#0

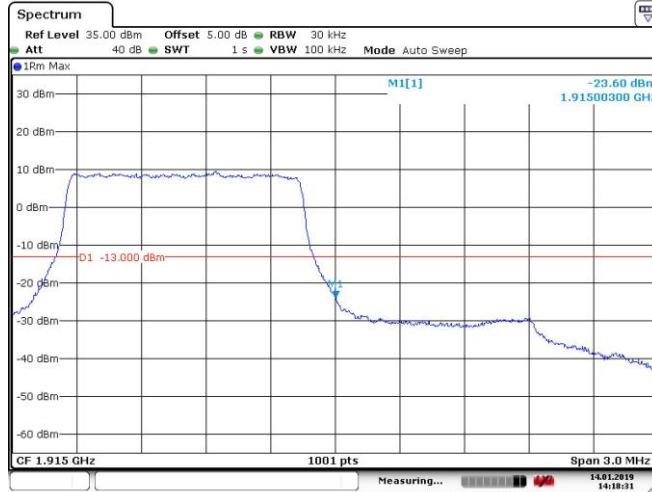


## 7 Band Edges Compliance

### 7.1. Test Plots

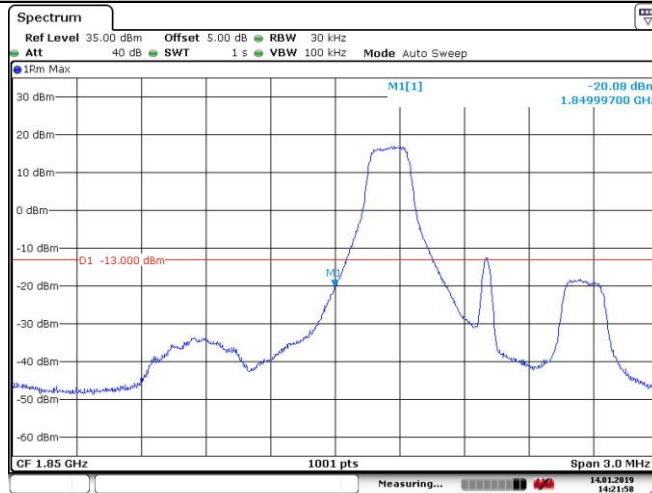


### Band25\_1.4MHz\_QPSK\_26683\_6RB#0



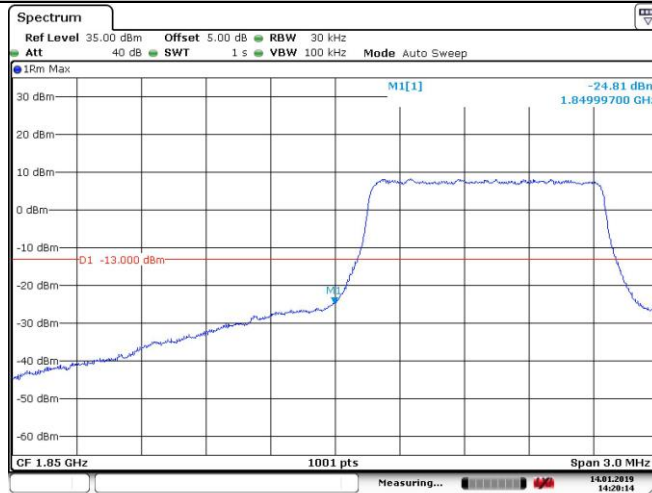
Date: 14 JAN 2019 14:18:31

### Band25\_1.4MHz\_16QAM\_26047\_1RB#0



Date: 14 JAN 2019 14:21:57

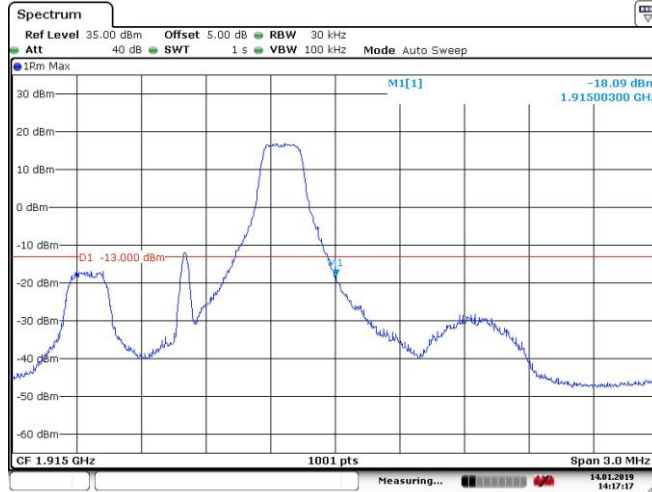
### Band25\_1.4MHz\_16QAM\_26047\_6RB#0



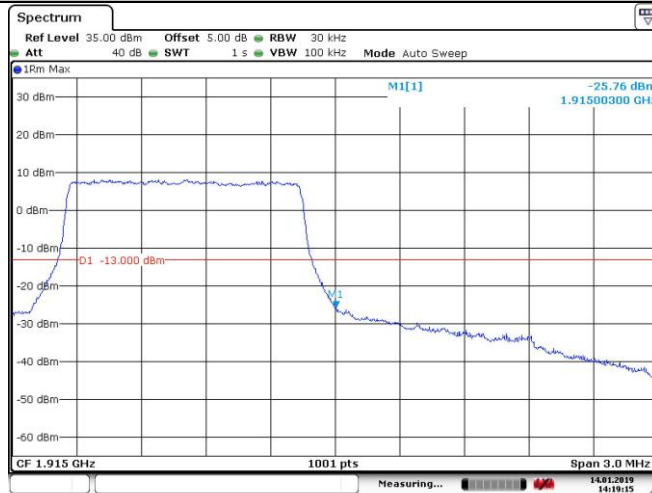
Date: 14 JAN 2019 14:20:14



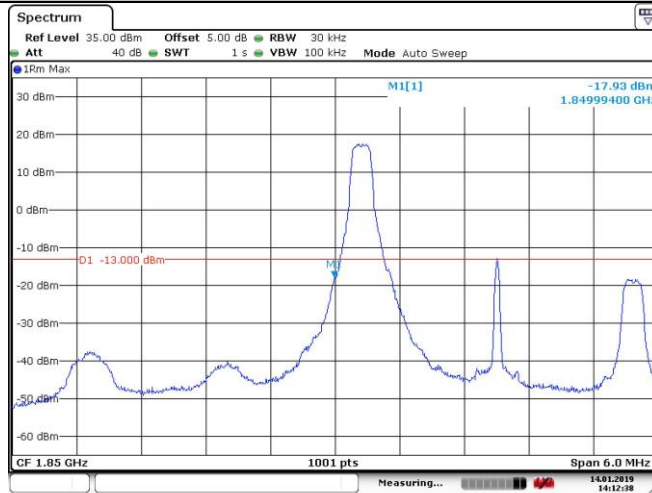
Band25\_1.4MHz\_16QAM\_26683\_1RB#5



Band25\_1.4MHz\_16QAM\_26683\_6RB#0

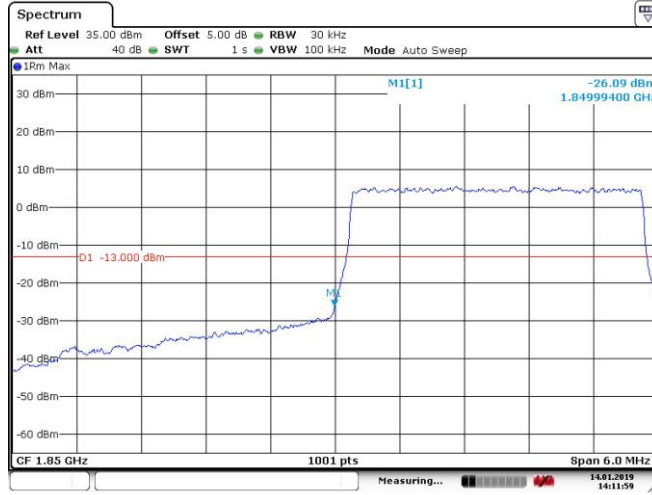


Band25\_3MHz\_QPSK\_26055\_1RB#0



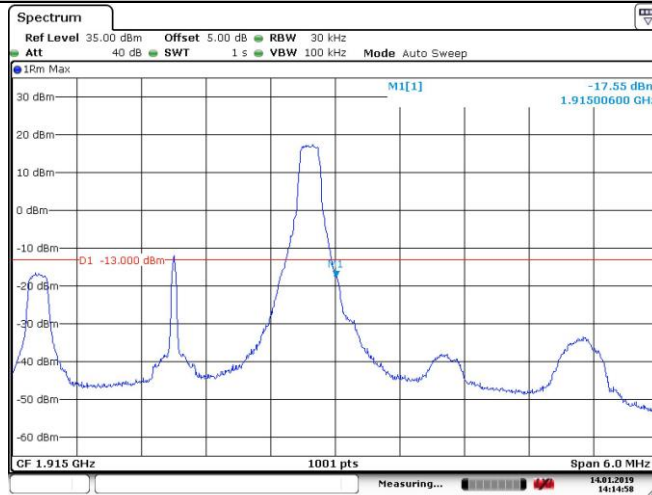


### Band25\_3MHz\_QPSK\_26055\_15RB#0



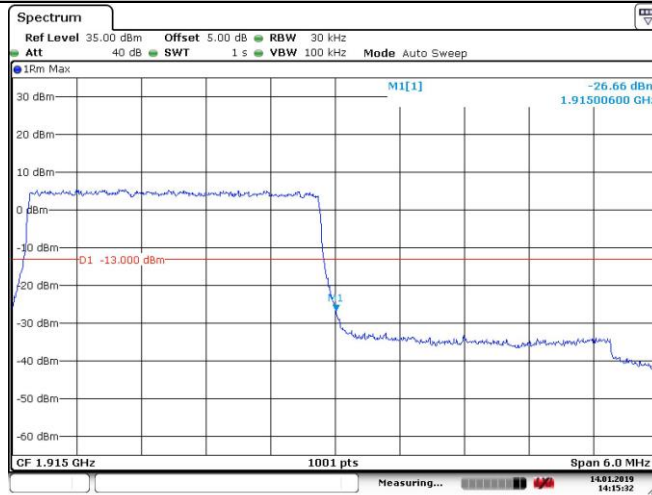
Date: 14 JAN 2019 14:12:00

### Band25\_3MHz\_QPSK\_26675\_1RB#14



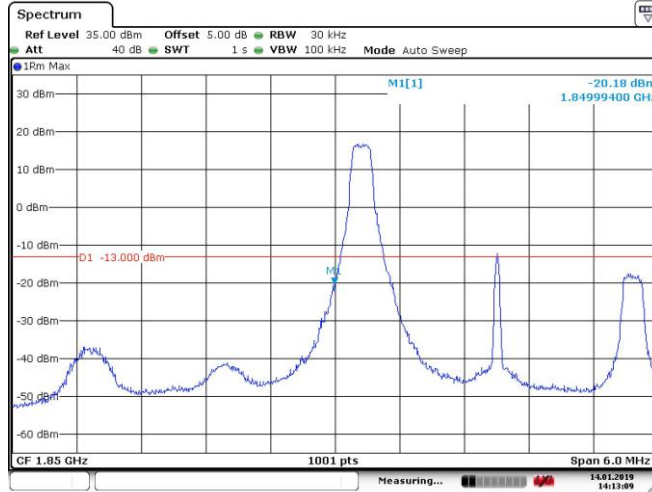
Date: 14 JAN 2019 14:14:58

### Band25\_3MHz\_QPSK\_26675\_15RB#0



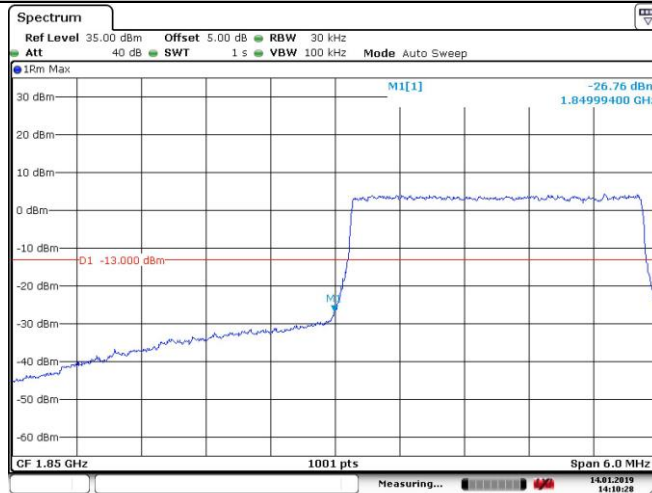
Date: 14 JAN 2019 14:15:33

### Band25\_3MHz\_16QAM\_26055\_1RB#0



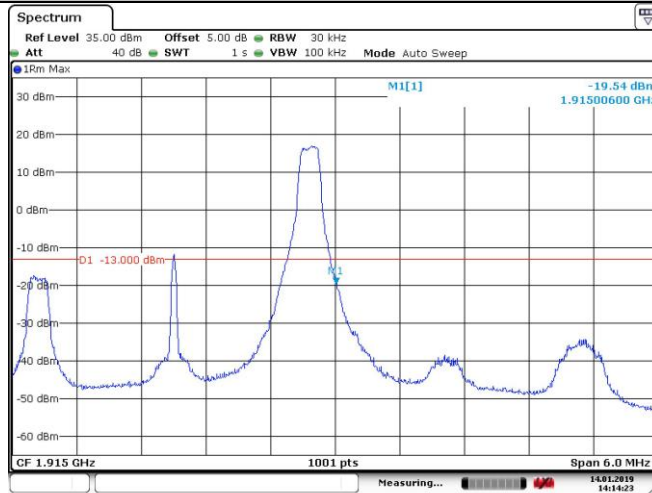
Date: 14 JAN 2019 14:13:09

### Band25\_3MHz\_16QAM\_26055\_15RB#0



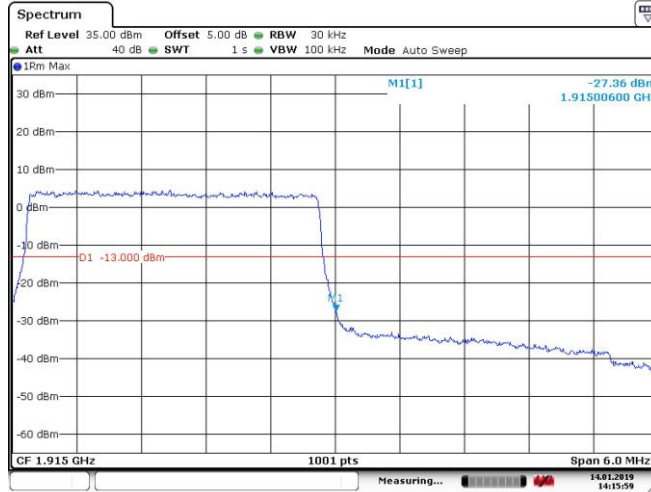
Date: 14 JAN 2019 14:10:29

### Band25\_3MHz\_16QAM\_26675\_1RB#14



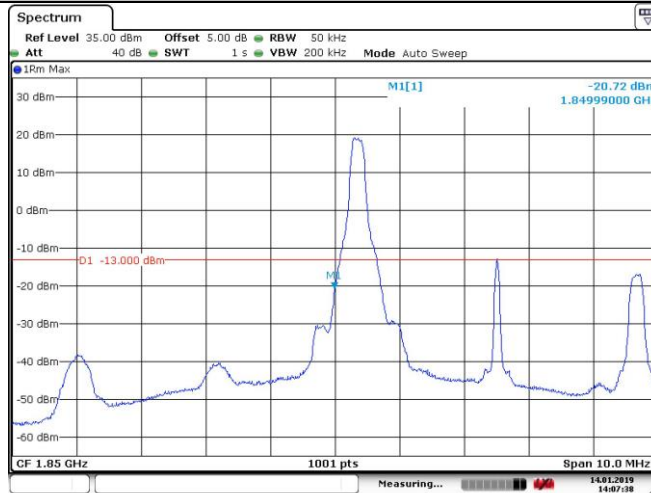
Date: 14 JAN 2019 14:14:24

### Band25\_3MHz\_16QAM\_26675\_15RB#0



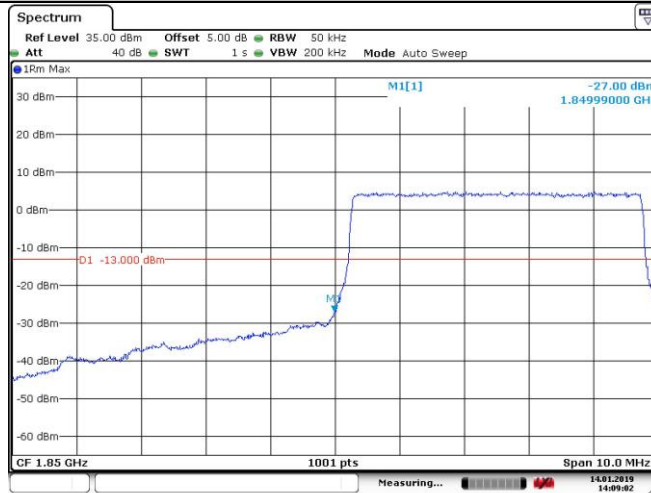
Date: 14 JAN 2019 14:15:59

### Band25\_5MHz\_QPSK\_26065\_1RB#0



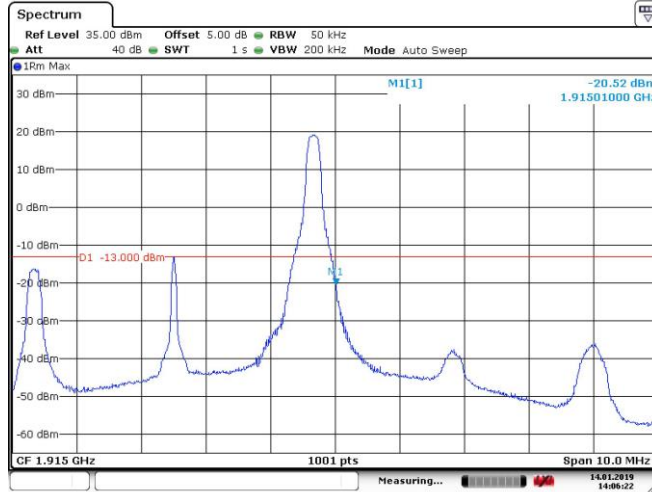
Date: 14 JAN 2019 14:07:38

### Band25\_5MHz\_QPSK\_26065\_25RB#0



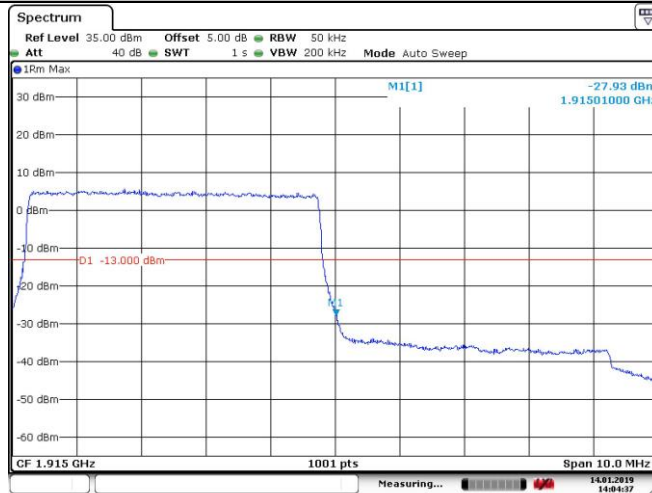
Date: 14 JAN 2019 14:09:02

Band25\_5MHz\_QPSK\_26665\_1RB#24



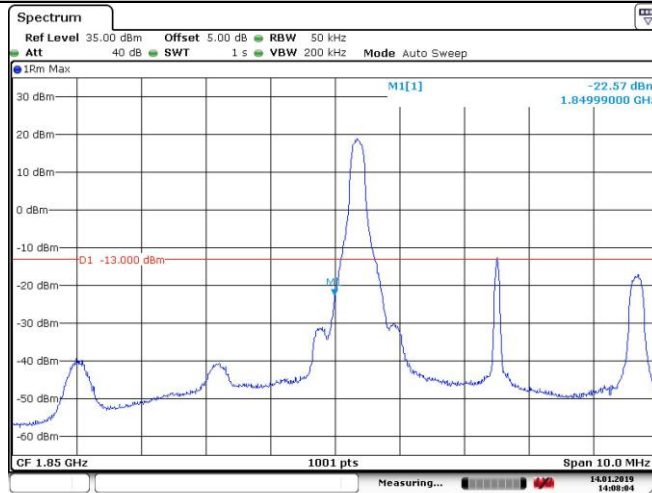
Date: 14 JAN 2019 14:06:22

Band25\_5MHz\_QPSK\_26665\_25RB#0



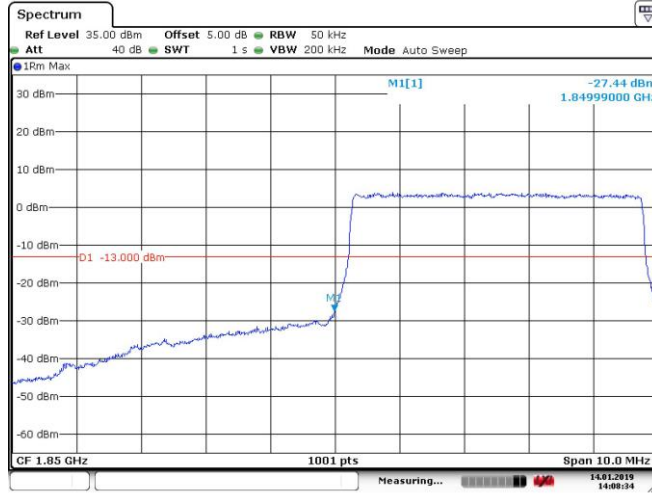
Date: 14 JAN 2019 14:04:37

Band25\_5MHz\_16QAM\_26065\_1RB#0



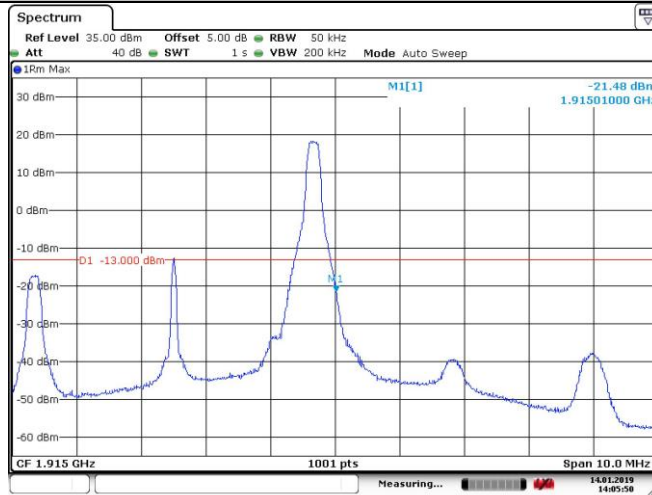
Date: 14 JAN 2019 14:08:04

## Band25\_5MHz\_16QAM\_26065\_25RB#0



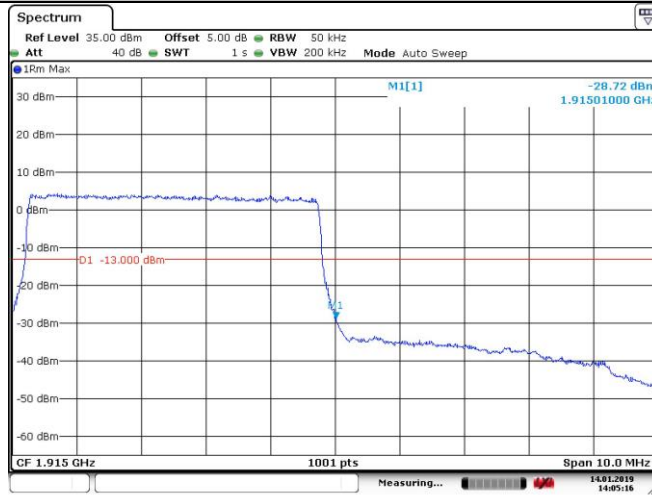
Date: 14 JAN 2019 14:08:35

## Band25\_5MHz\_16QAM\_26665\_1RB#24



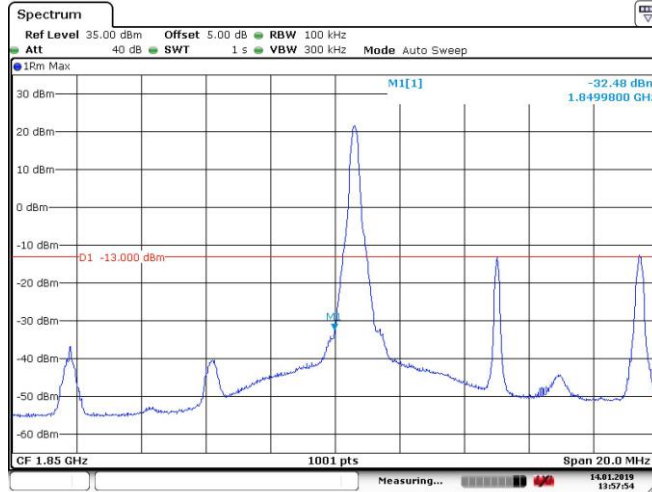
Date: 14 JAN 2019 14:05:51

## Band25\_5MHz\_16QAM\_26665\_25RB#0



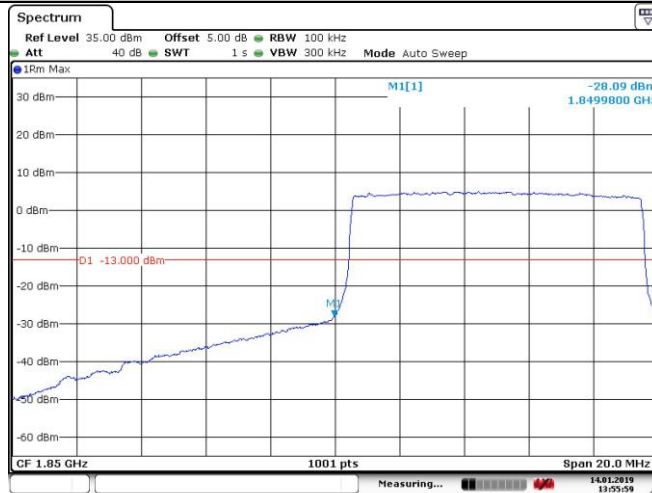
Date: 14 JAN 2019 14:05:16

### Band25\_10MHz\_QPSK\_26090\_1RB#0



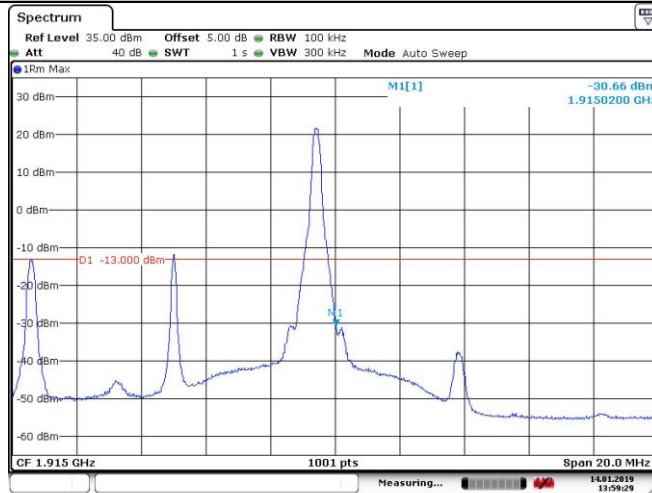
Date: 14 JAN 2019 13:57:54

### Band25\_10MHz\_QPSK\_26090\_50RB#0



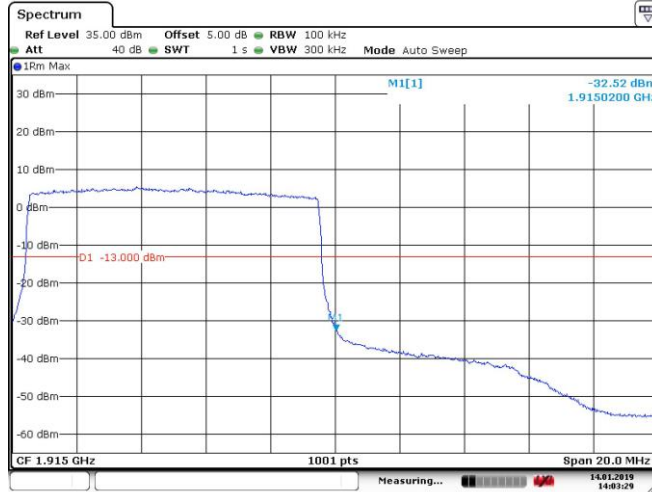
Date: 14 JAN 2019 13:56:00

### Band25\_10MHz\_QPSK\_26640\_1RB#49



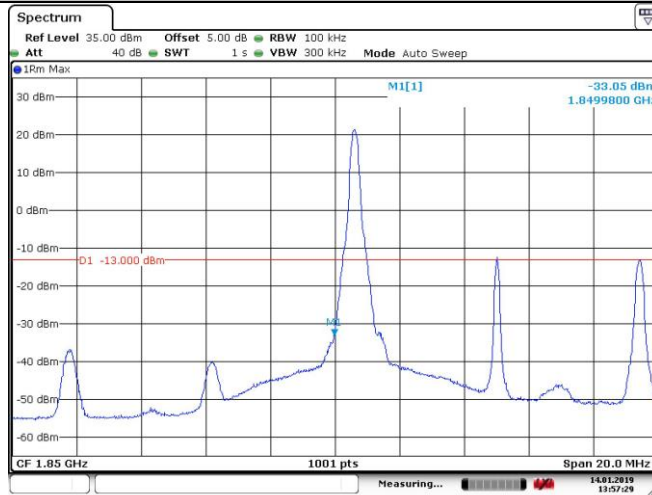
Date: 14 JAN 2019 13:59:29

### Band25\_10MHz\_QPSK\_26640\_50RB#0



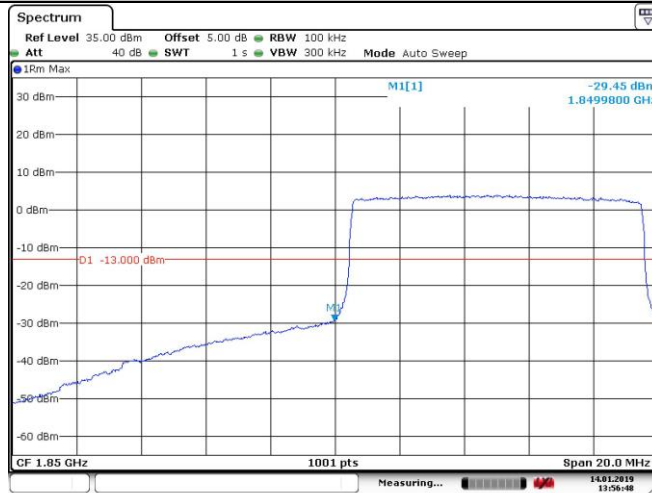
Date: 14. JAN 2019 14:03:30

### Band25\_10MHz\_16QAM\_26090\_1RB#0



Date: 14. JAN 2019 13:57:30

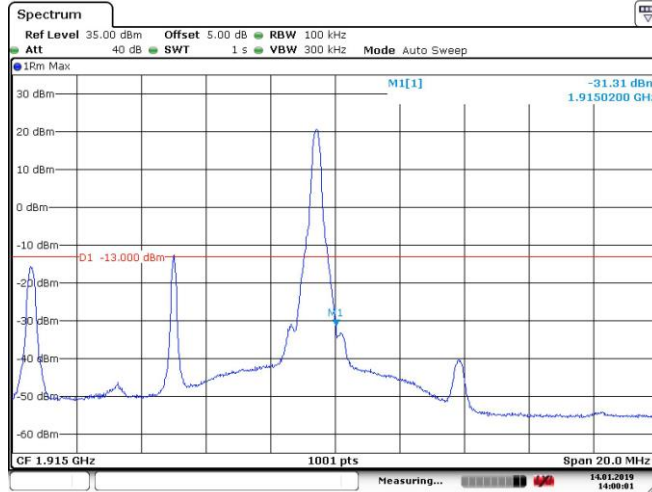
### Band25\_10MHz\_16QAM\_26090\_50RB#0



Date: 14. JAN 2019 13:56:48

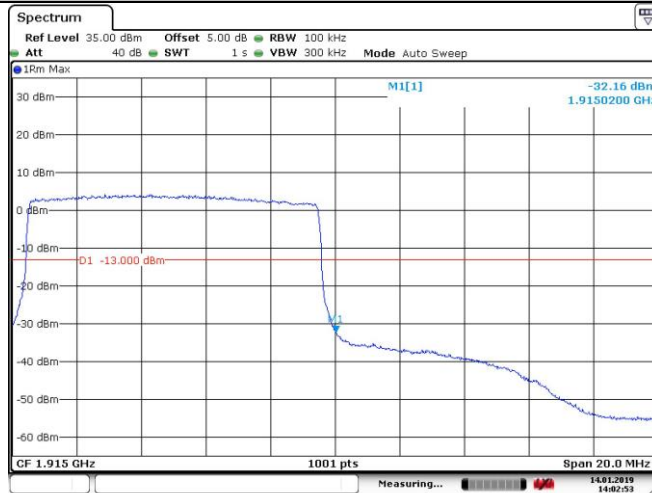


### Band25\_10MHz\_16QAM\_26640\_1RB#49



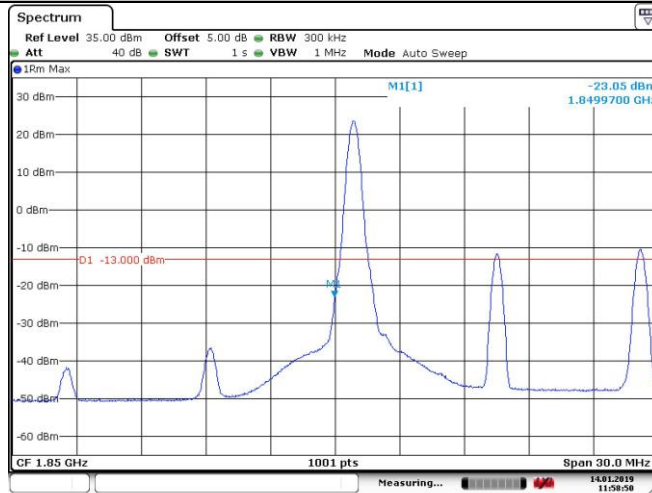
Date: 14 JAN 2019 14:00:02

### Band25\_10MHz\_16QAM\_26640\_50RB#0



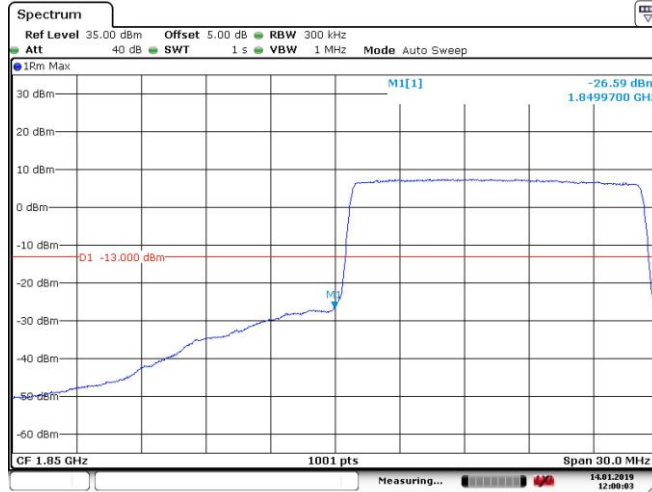
Date: 14 JAN 2019 14:02:54

### Band25\_15MHz\_QPSK\_26115\_1RB#0



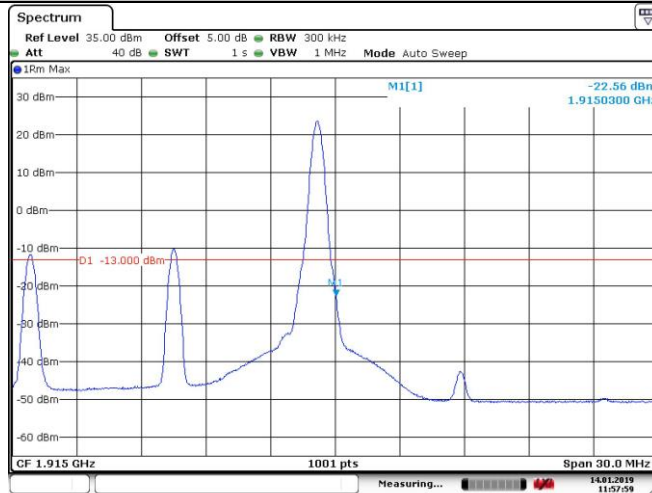
Date: 14 JAN 2019 11:58:50

### Band25\_15MHz\_QPSK\_26115\_75RB#0



Date: 14 JAN 2019 12:00:04

### Band25\_15MHz\_QPSK\_26615\_1RB#74



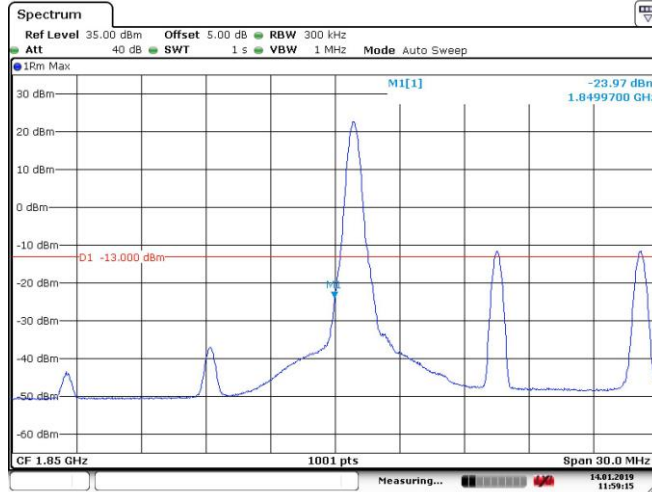
Date: 14 JAN 2019 11:57:59

### Band25\_15MHz\_QPSK\_26615\_75RB#0



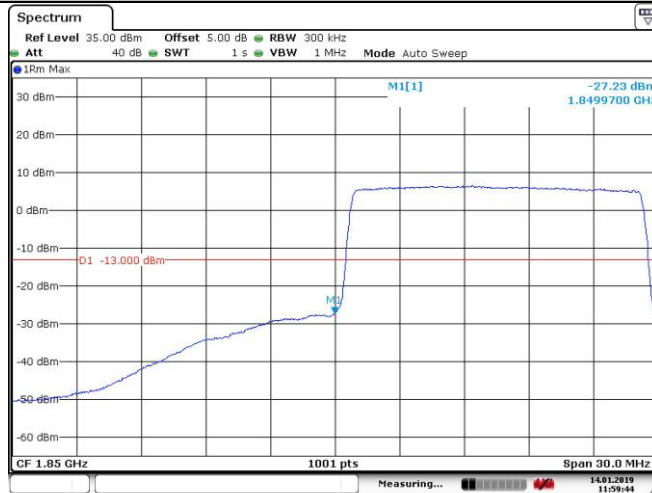
Date: 14 JAN 2019 11:58:31

### Band25\_15MHz\_16QAM\_26115\_1RB#0



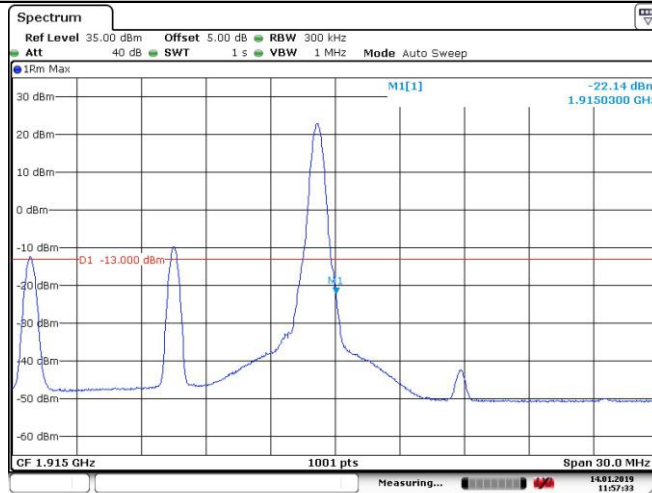
Date: 14 JAN 2019 11:59:15

### Band25\_15MHz\_16QAM\_26115\_75RB#0



Date: 14 JAN 2019 11:59:45

### Band25\_15MHz\_16QAM\_26615\_1RB#74



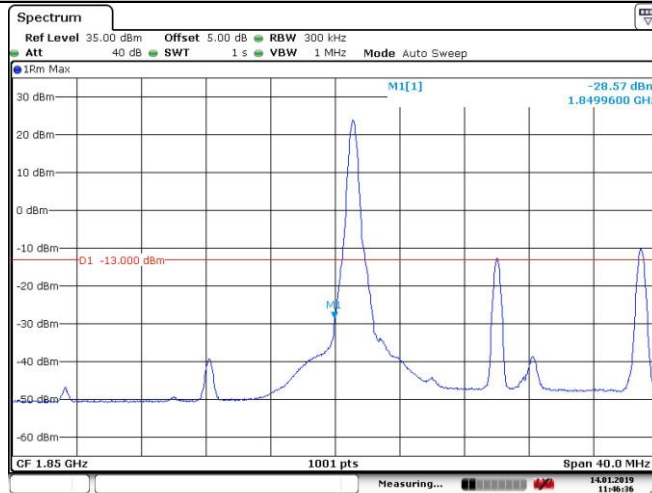
Date: 14 JAN 2019 11:57:34

### Band25\_15MHz\_16QAM\_26615\_75RB#0



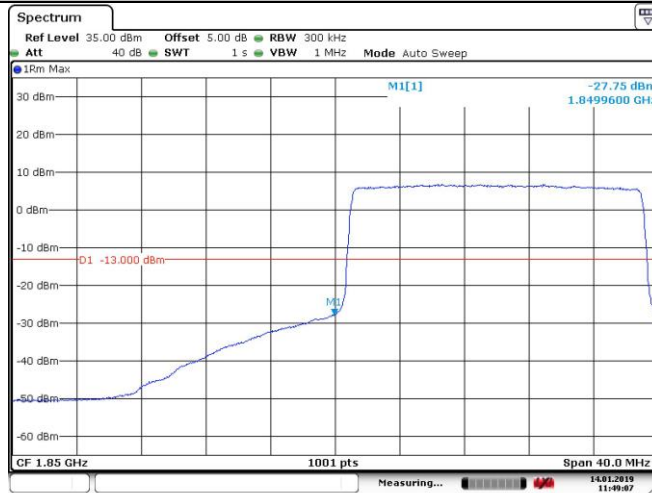
Date: 14 JAN 2019 11:57:07

### Band25\_20MHz\_QPSK\_26140\_1RB#0



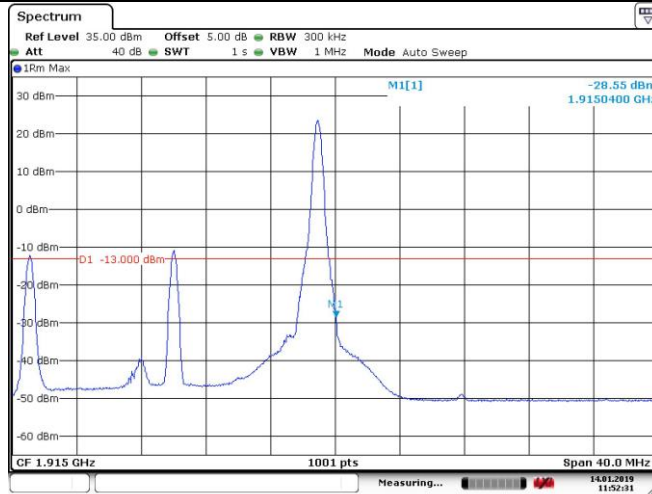
Date: 14 JAN 2019 11:46:37

### Band25\_20MHz\_QPSK\_26140\_100RB#0



Date: 14 JAN 2019 11:49:07

### Band25\_20MHz\_QPSK\_26590\_1RB#99



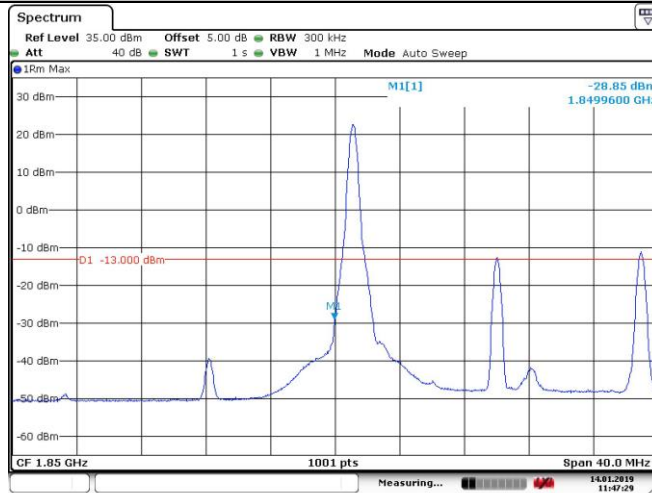
Date: 14 JAN 2019 11:52:32

### Band25\_20MHz\_QPSK\_26590\_100RB#0



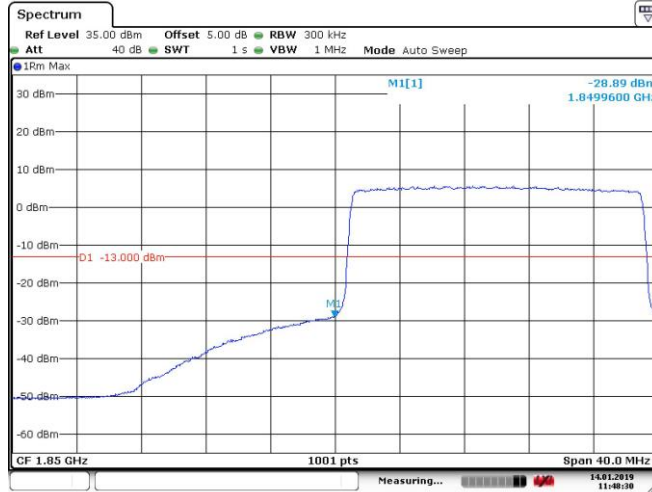
Date: 14 JAN 2019 11:50:34

### Band25\_20MHz\_16QAM\_26140\_1RB#0



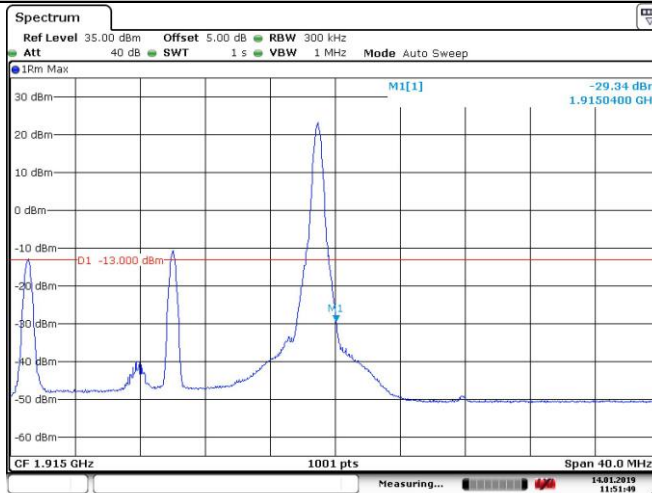
Date: 14 JAN 2019 11:47:29

### Band25\_20MHz\_16QAM\_26140\_100RB#0



Date: 14 JAN 2019 11:48:30

### Band25\_20MHz\_16QAM\_26590\_1RB#99



Date: 14 JAN 2019 11:51:50

### Band25\_20MHz\_16QAM\_26590\_100RB#0



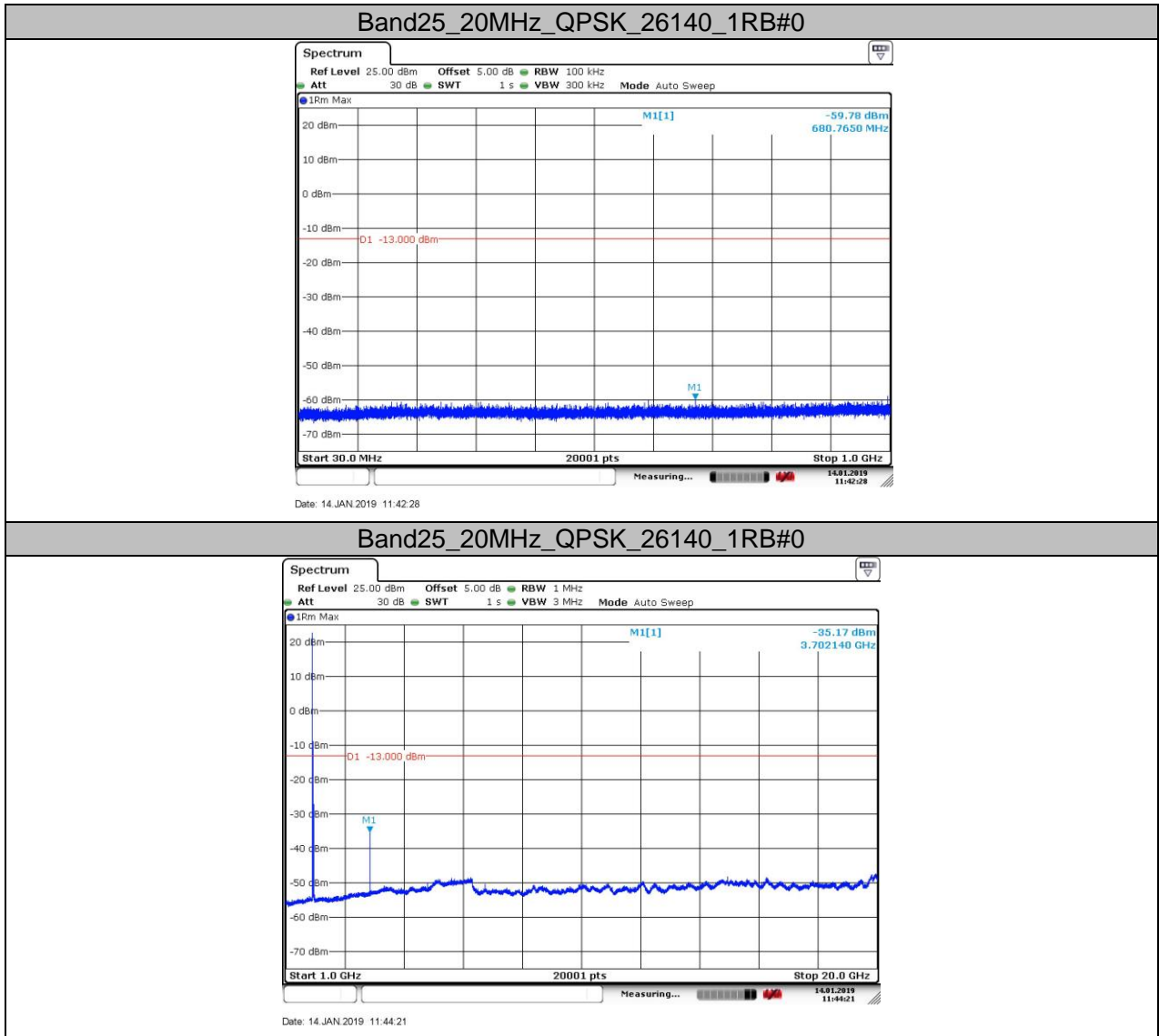
Date: 14 JAN 2019 11:51:14

## 8 Spurious Emission at Antenna Terminal

NOTE1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (Span / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

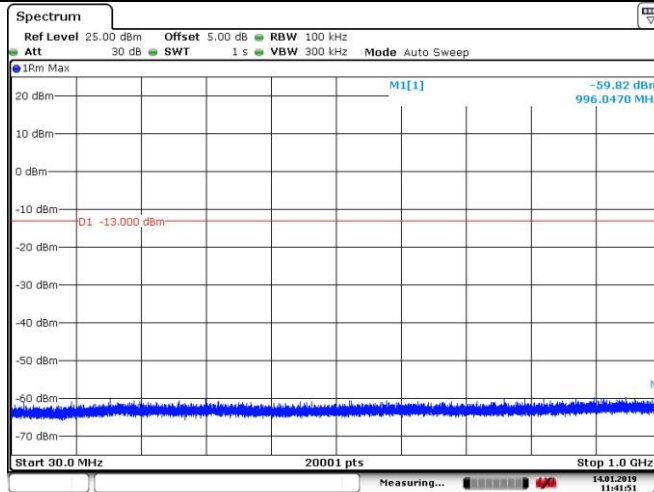
NOTE2: only the worst case data displayed in this report.

### 8.1. Test Plots



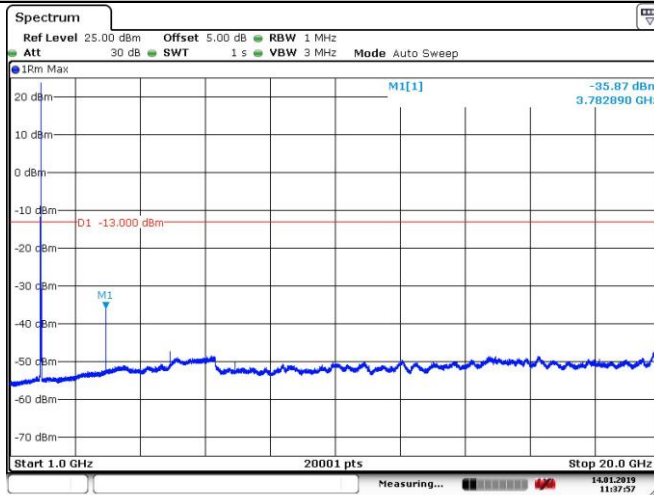


### Band25\_20MHz\_QPSK\_26365\_1RB#0



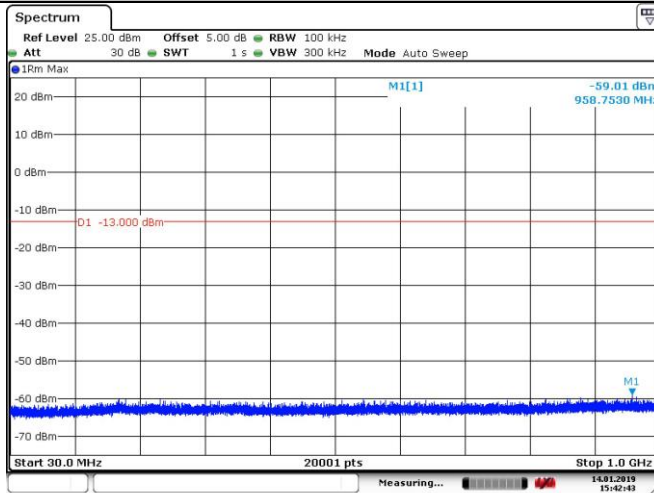
Date: 14.JAN.2019 11:41:52

### Band25\_20MHz\_QPSK\_26365\_1RB#0



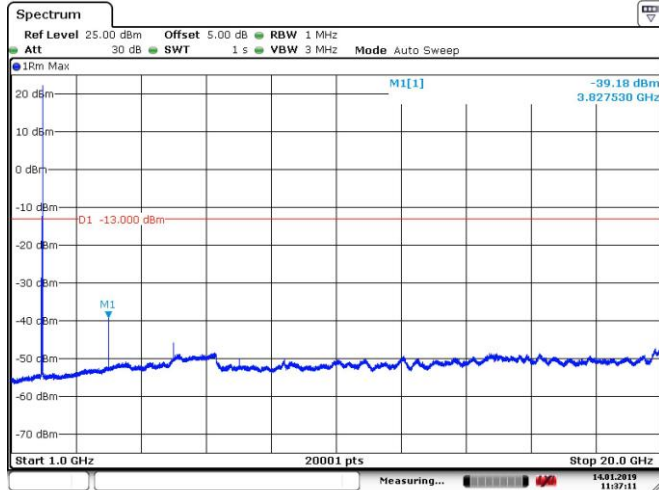
Date: 14.JAN.2019 11:37:57

### Band25\_20MHz\_QPSK\_26590\_1RB#0



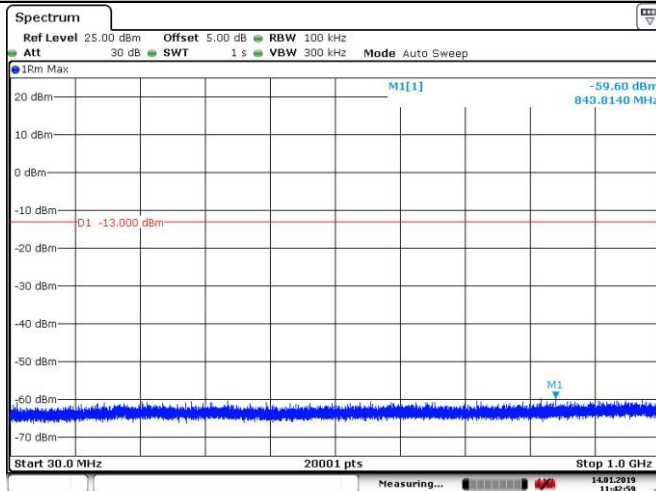
Date: 14.JAN.2019 15:42:44

### Band25\_20MHz\_QPSK\_26590\_1RB#0



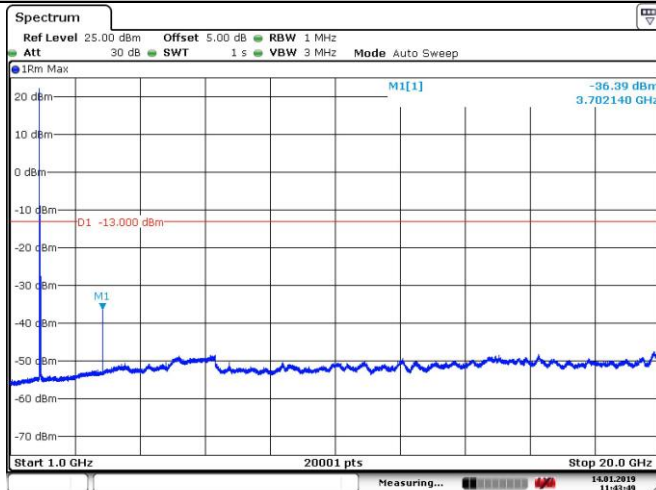
Date: 14 JAN 2019 11:37:11

### Band25\_20MHz\_16QAM\_26140\_1RB#0



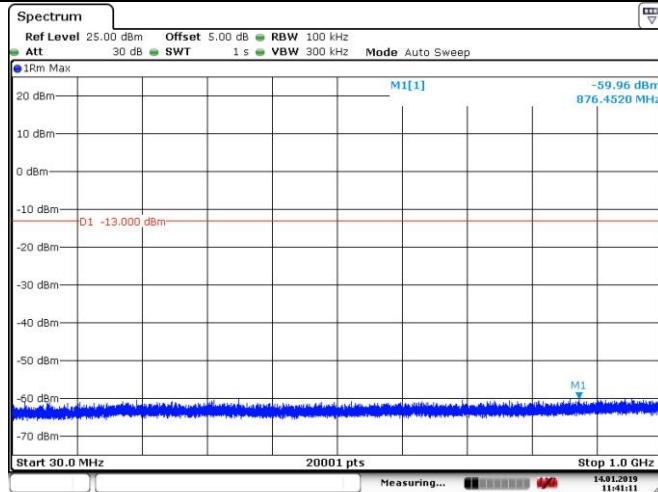
Date: 14 JAN 2019 11:43:00

### Band25\_20MHz\_16QAM\_26140\_1RB#0



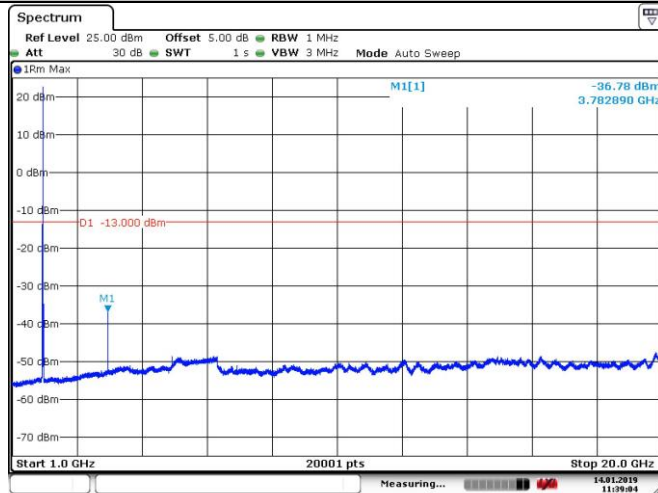
Date: 14 JAN 2019 11:43:50

### Band25\_20MHz\_16QAM\_26365\_1RB#0



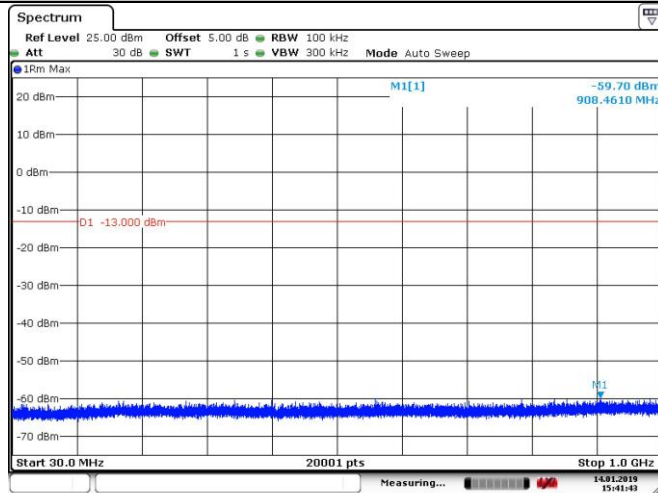
Date: 14 JAN 2019 11:41:11

### Band25\_20MHz\_16QAM\_26365\_1RB#0



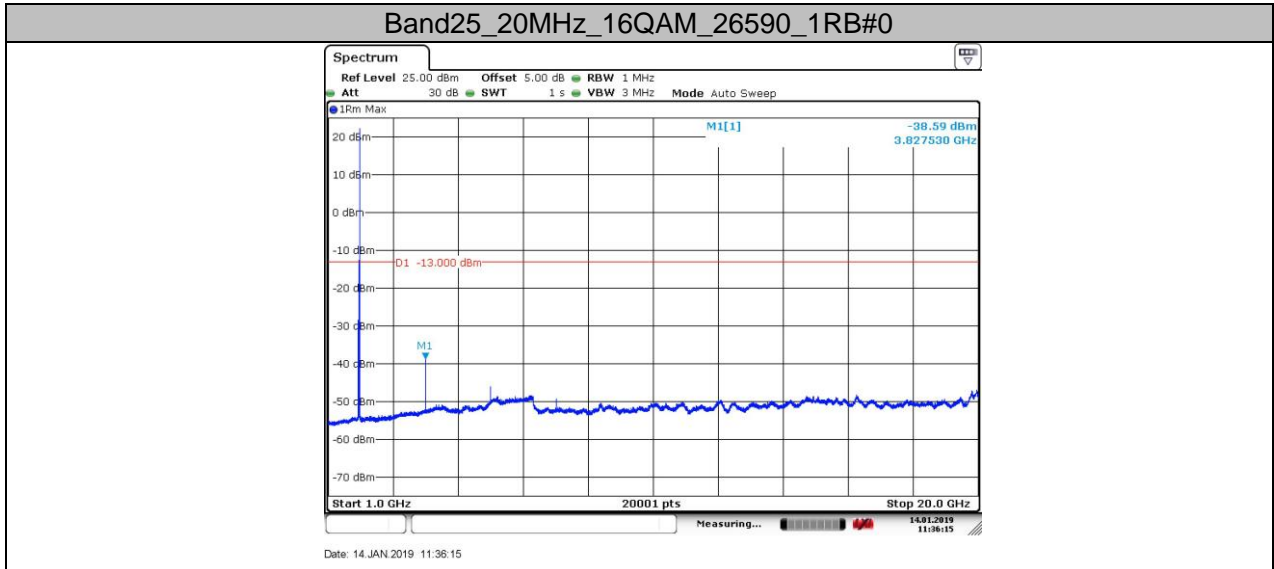
Date: 14 JAN 2019 11:39:05

### Band25\_20MHz\_16QAM\_26590\_1RB#0



Date: 14 JAN 2019 15:41:43

### Band25\_20MHz\_16QAM\_26590\_1RB#0



## 9 Frequency Stability

### 9.1 Frequency Vs Voltage

Voltage										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band25	20MHz	QPSK	26140	100RB#0	VH	NT	-8.11	-0.004362	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	VL	NT	11.60	0.006237	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	VN	NT	6.43	0.003456	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	VH	NT	-6.77	-0.003596	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	VL	NT	3.27	0.001735	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	VN	NT	3.66	0.001946	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	VH	NT	8.90	0.004673	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	VL	NT	-11.77	-0.006177	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	VN	NT	12.88	0.006762	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	VH	NT	-7.37	-0.003965	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	VL	NT	-4.02	-0.002163	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	VN	NT	8.59	0.004618	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	VH	NT	-13.97	-0.007420	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	VL	NT	8.94	0.004751	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	VN	NT	-0.07	-0.000036	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	VH	NT	-10.09	-0.005296	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	VL	NT	-0.62	-0.000324	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	VN	NT	-5.85	-0.003071	±2.5	PASS

### 9.2 Frequency Vs Temperature

Temperature										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band25	20MHz	QPSK	26140	100RB#0	NV	-30	-12.48	-0.006709	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	-20	-10.32	-0.005550	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	0	14.05	0.007555	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	10	10.17	0.005468	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	20	-2.80	-0.001506	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	30	0.60	0.000324	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	40	4.23	0.002273	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	50	5.66	0.003041	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-30	-4.94	-0.002627	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-20	11.76	0.006249	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	0	-2.82	-0.001498	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	10	-2.69	-0.001427	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	20	-9.84	-0.005230	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	30	-12.81	-0.006805	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	40	-1.03	-0.000549	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	50	-6.03	-0.003202	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	-30	-8.46	-0.004442	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	-20	-5.47	-0.002870	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	0	4.65	0.002440	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	10	-2.74	-0.001440	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	20	3.95	0.002072	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	30	6.60	0.003466	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	40	4.20	0.002203	±2.5	PASS

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Band25	20MHz	QPSK	26590	100RB#0	NV	50	-6.02	-0.003159	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	-30	-3.26	-0.001750	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	-20	-4.52	-0.002430	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	0	-9.61	-0.005164	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	10	-4.91	-0.002639	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	20	2.44	0.001312	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	30	2.80	0.001507	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	40	12.90	0.006933	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	50	-8.79	-0.004724	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	-30	-7.01	-0.003722	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	-20	-9.54	-0.005070	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	0	14.41	0.007655	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	10	-4.35	-0.002308	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	20	5.60	0.002974	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	30	0.03	0.000018	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	40	-6.48	-0.003444	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	50	9.28	0.004928	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	-30	-0.40	-0.000208	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	-20	-5.07	-0.002659	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	0	-7.25	-0.003806	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	10	7.52	0.003947	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	20	-13.08	-0.006868	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	30	9.77	0.005129	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	40	2.92	0.001534	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	50	6.57	0.003447	±2.5	PASS

The End