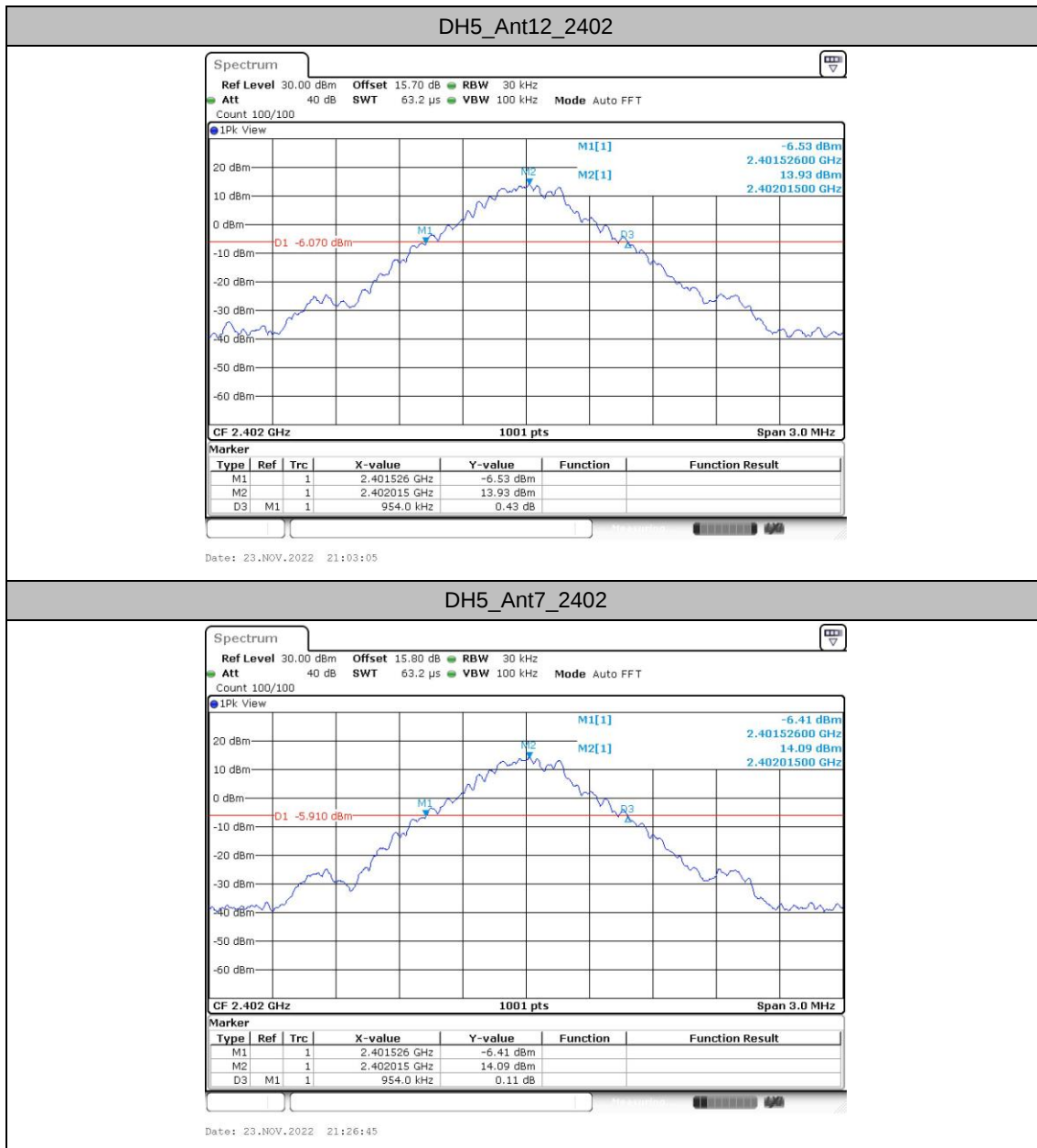


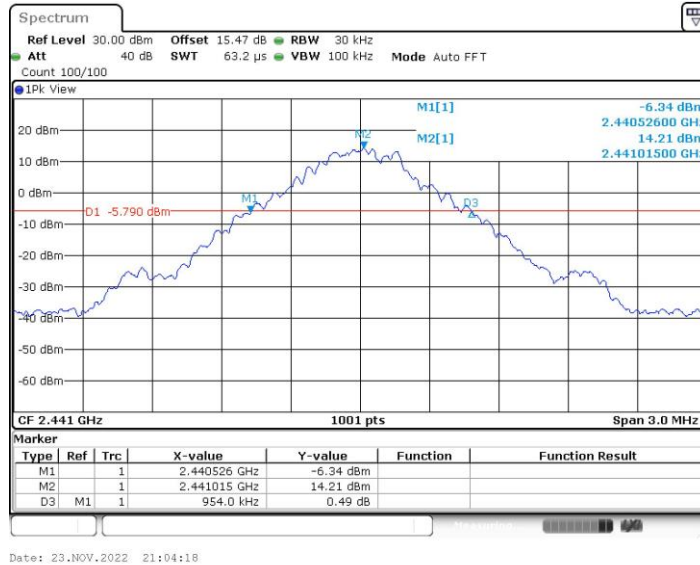


Test Graphs

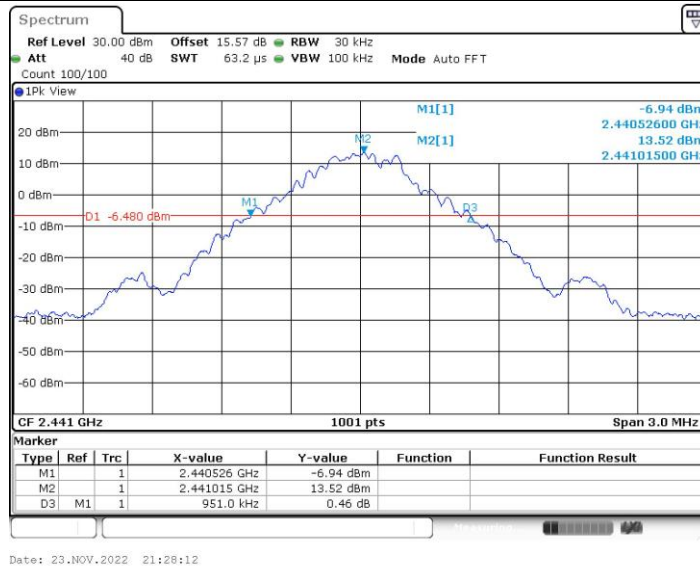




DH5_Ant12_2441

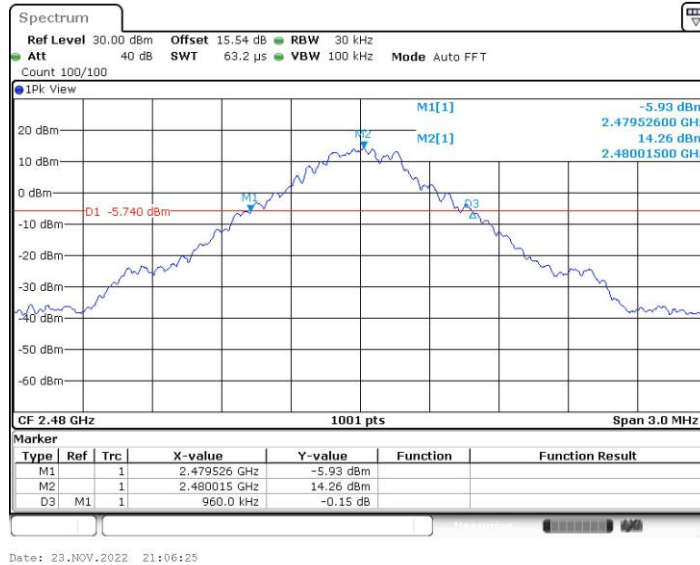


DH5_Ant7_2441

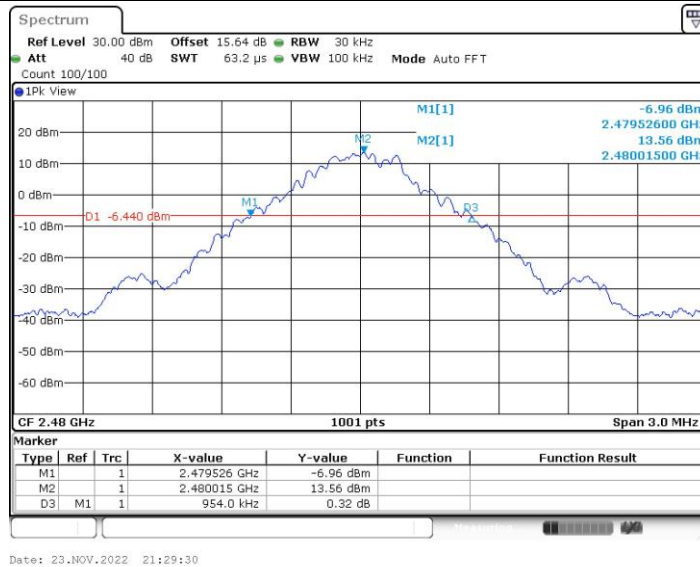


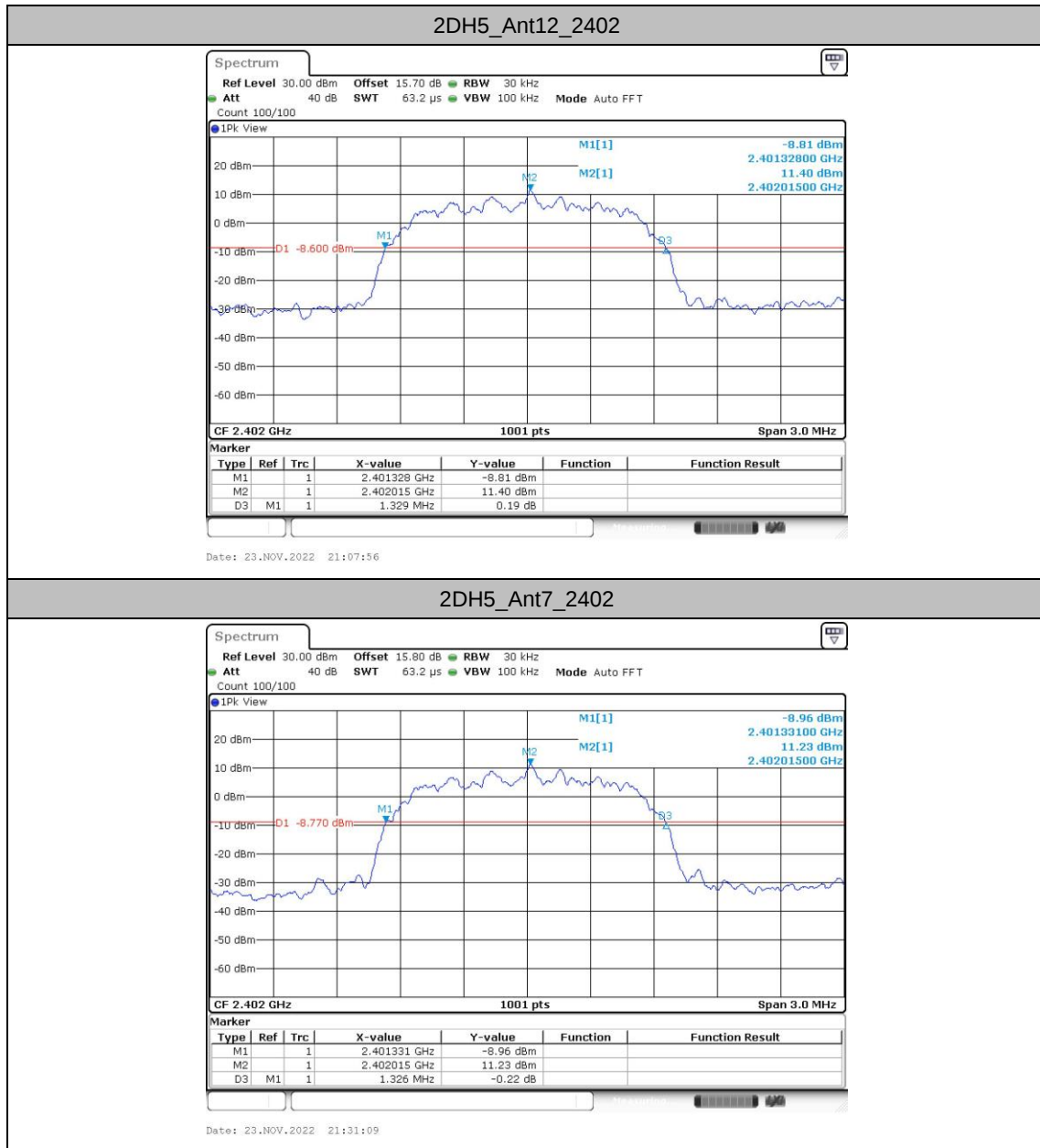


DH5_Ant12_2480

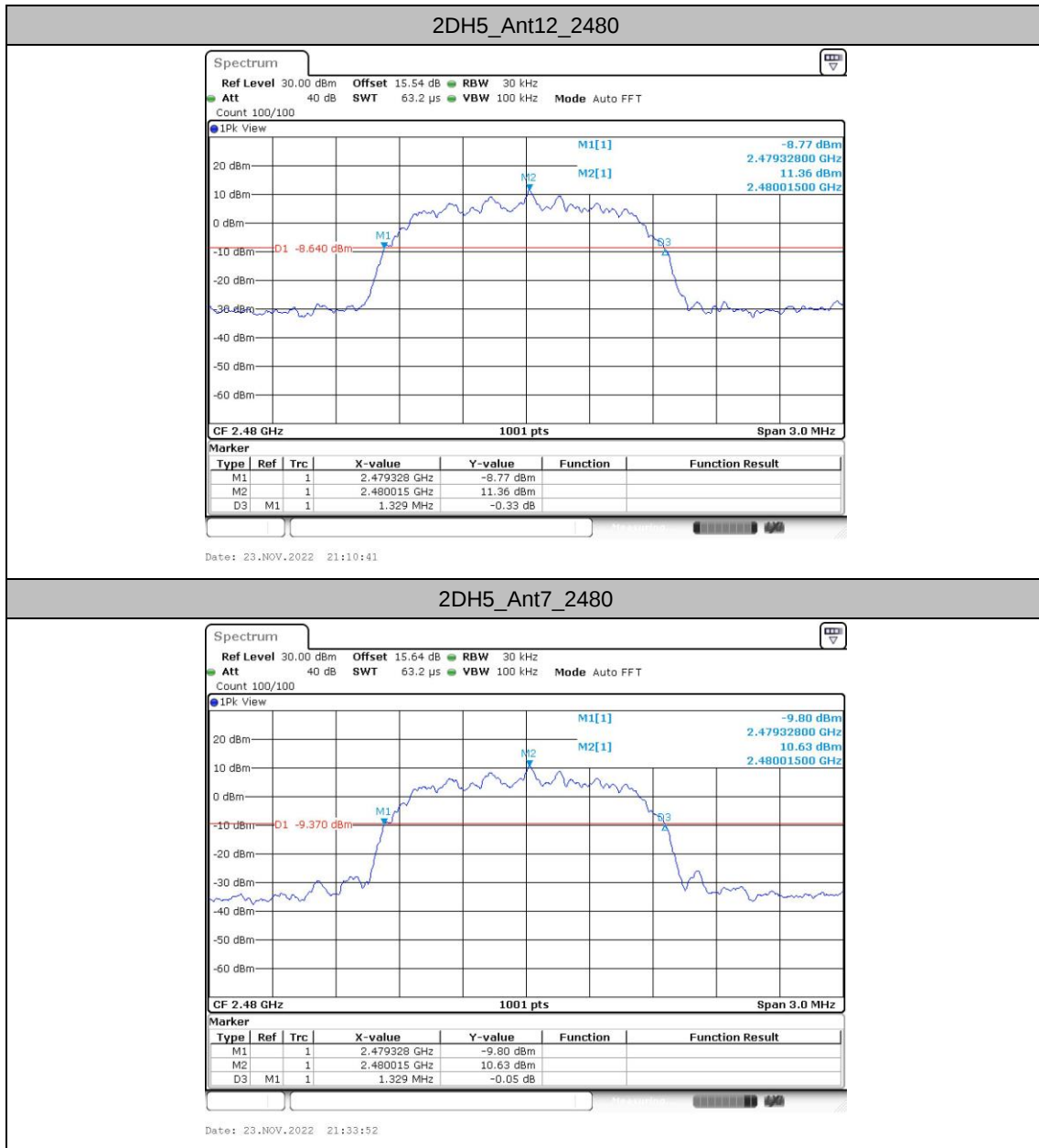


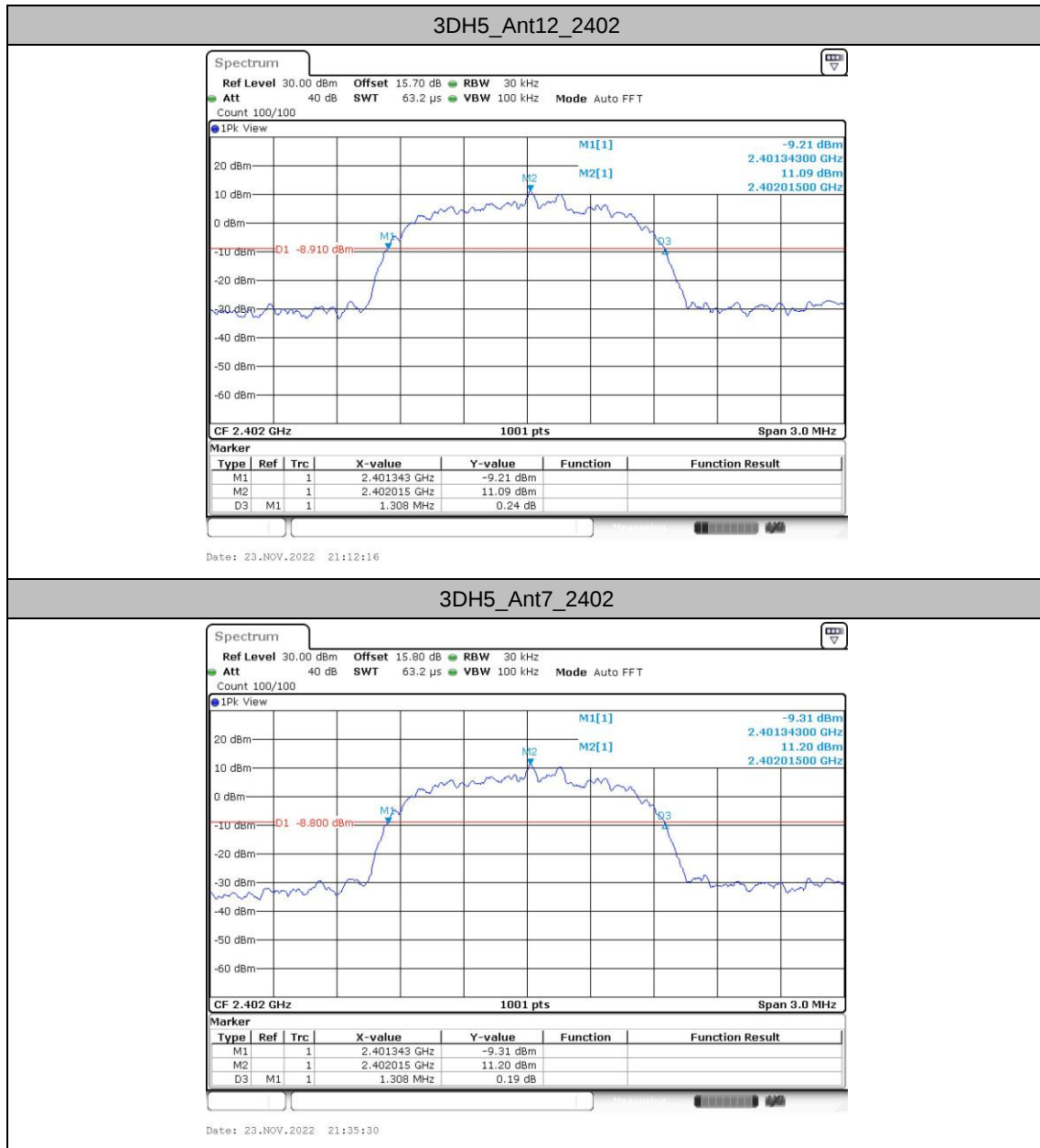
DH5_Ant7_2480



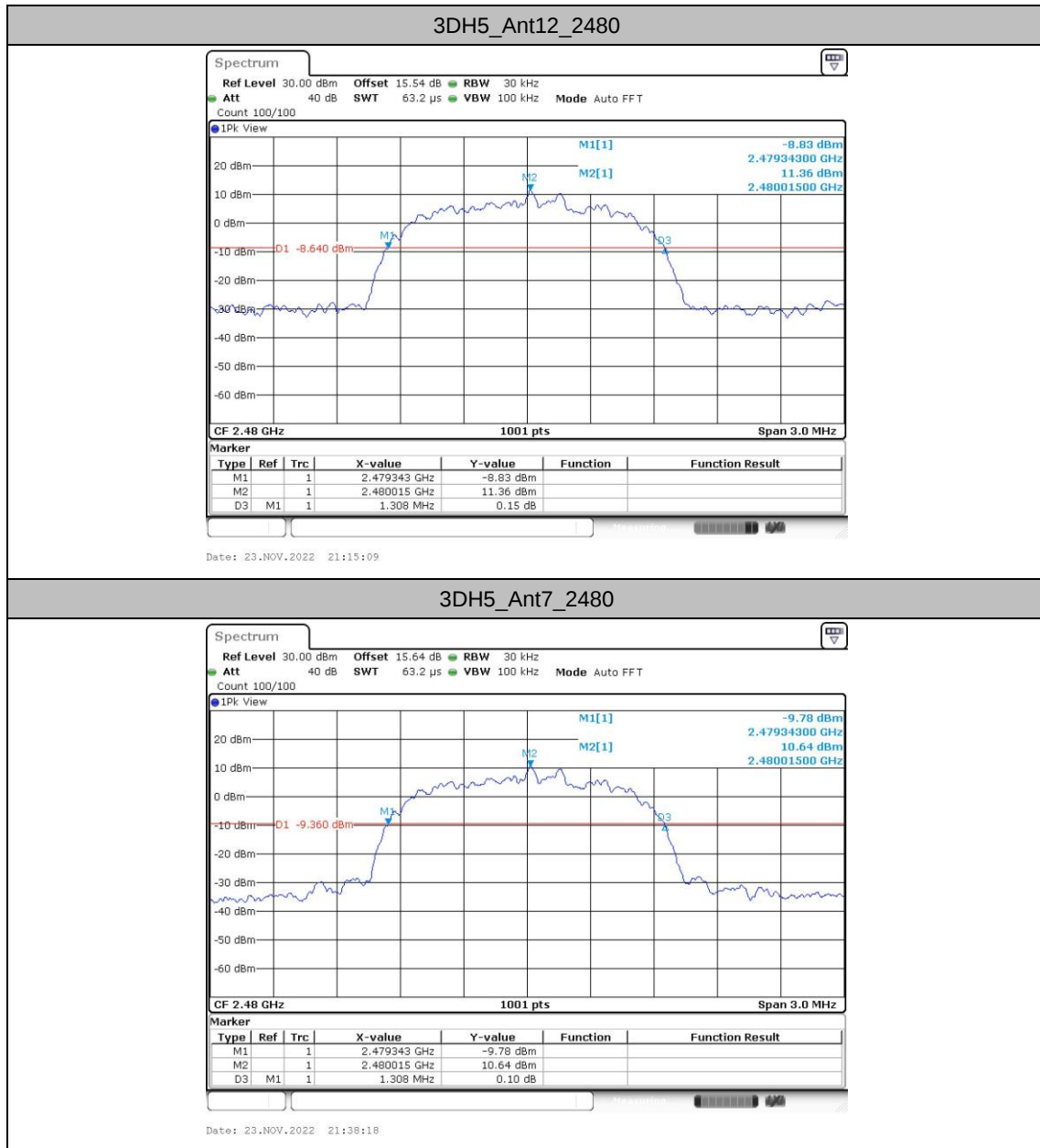














Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant12	2402	0.875	2401.5594	2402.4346		
	Ant7	2402	0.863	2401.5624	2402.4256		
	Ant12	2441	0.866	2440.5594	2441.4256		
	Ant7	2441	0.857	2440.5624	2441.4196		
	Ant12	2480	0.881	2479.5534	2480.4346		
	Ant7	2480	0.86	2479.5594	2480.4196		
2DH5	Ant12	2402	1.19	2401.4006	2402.5904		
	Ant7	2402	1.184	2401.4036	2402.5874		
	Ant12	2441	1.187	2440.4006	2441.5874		
	Ant7	2441	1.184	2440.4036	2441.5874		
	Ant12	2480	1.187	2479.4006	2480.5874		
	Ant7	2480	1.181	2479.4036	2480.5844		
3DH5	Ant12	2402	1.190	2401.4006	2402.5904		
	Ant7	2402	1.184	2401.4036	2402.5874		
	Ant12	2441	1.184	2440.4036	2441.5874		
	Ant7	2441	1.178	2440.4066	2441.5844		
	Ant12	2480	1.193	2479.3976	2480.5904		
	Ant7	2480	1.184	2479.4036	2480.5874		

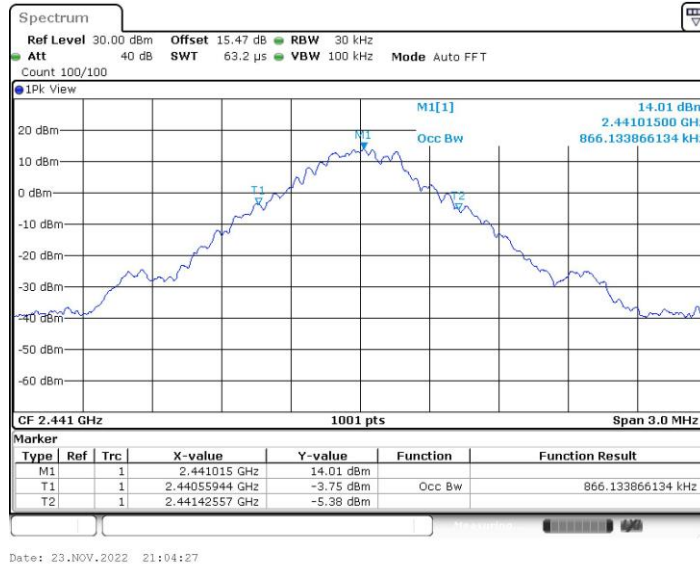


Test Graphs

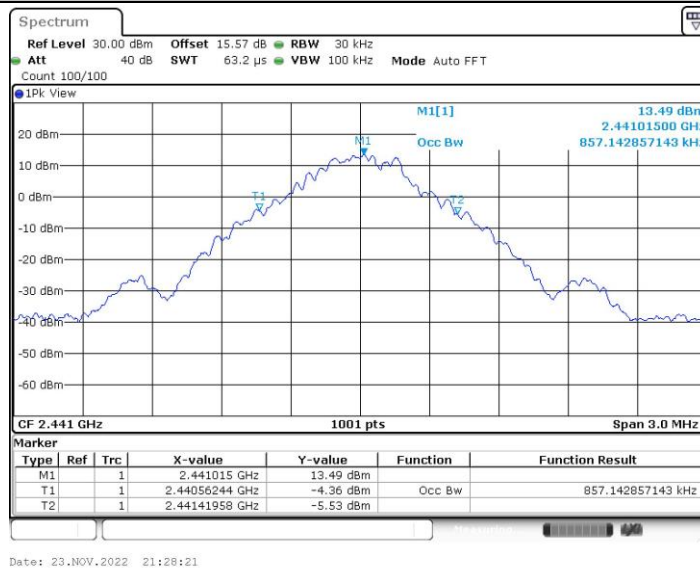


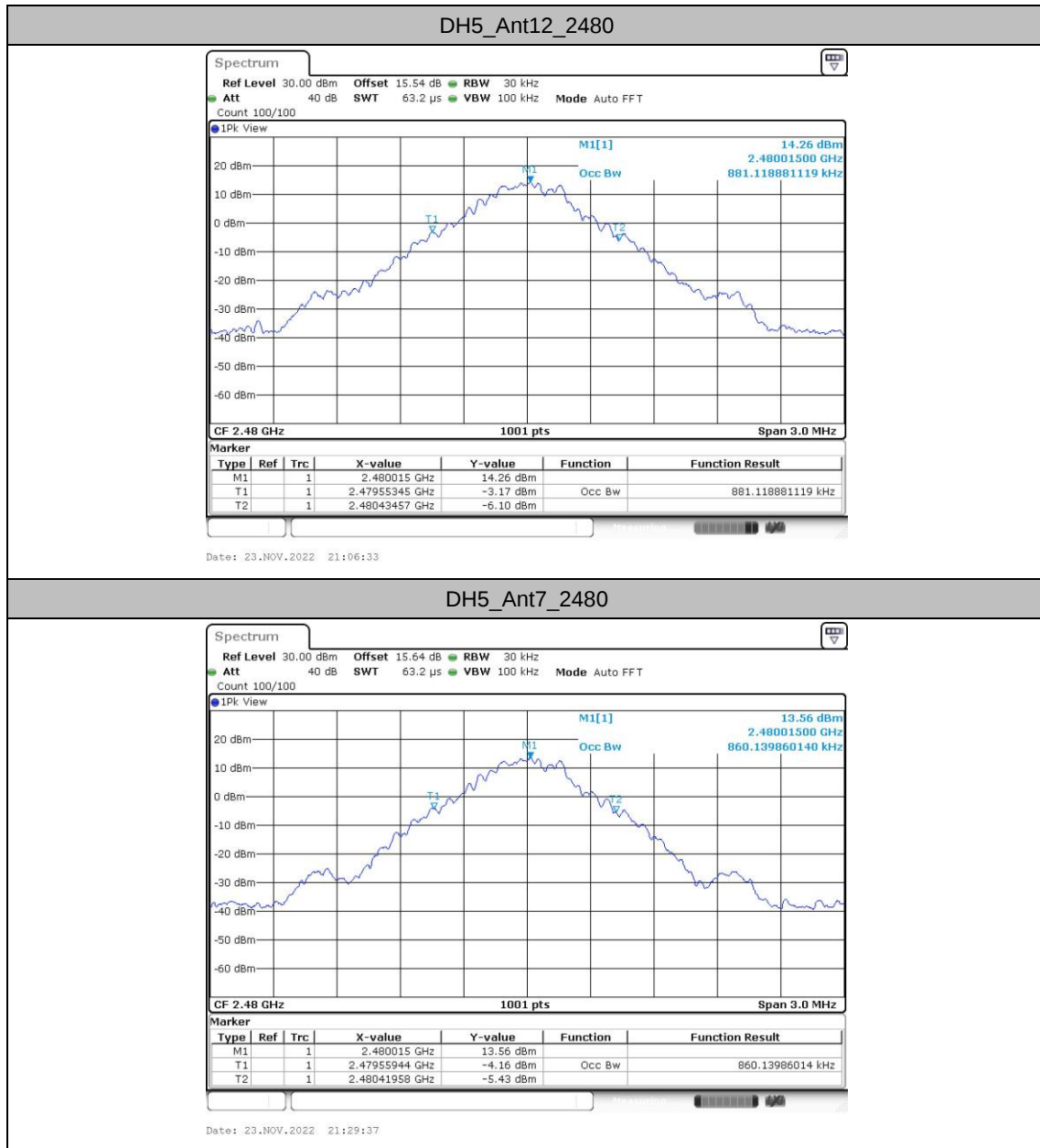


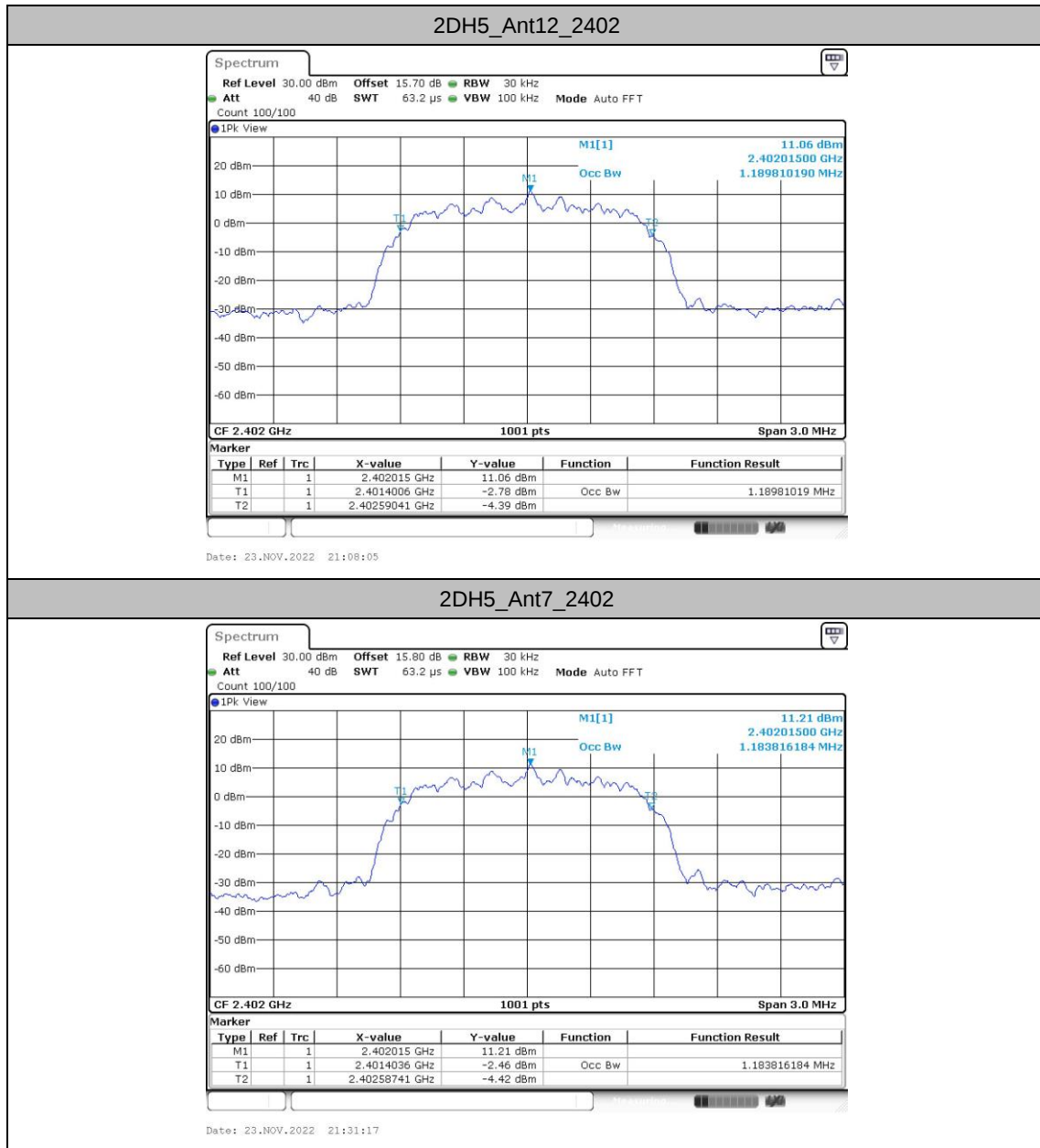
DH5_Ant12_2441

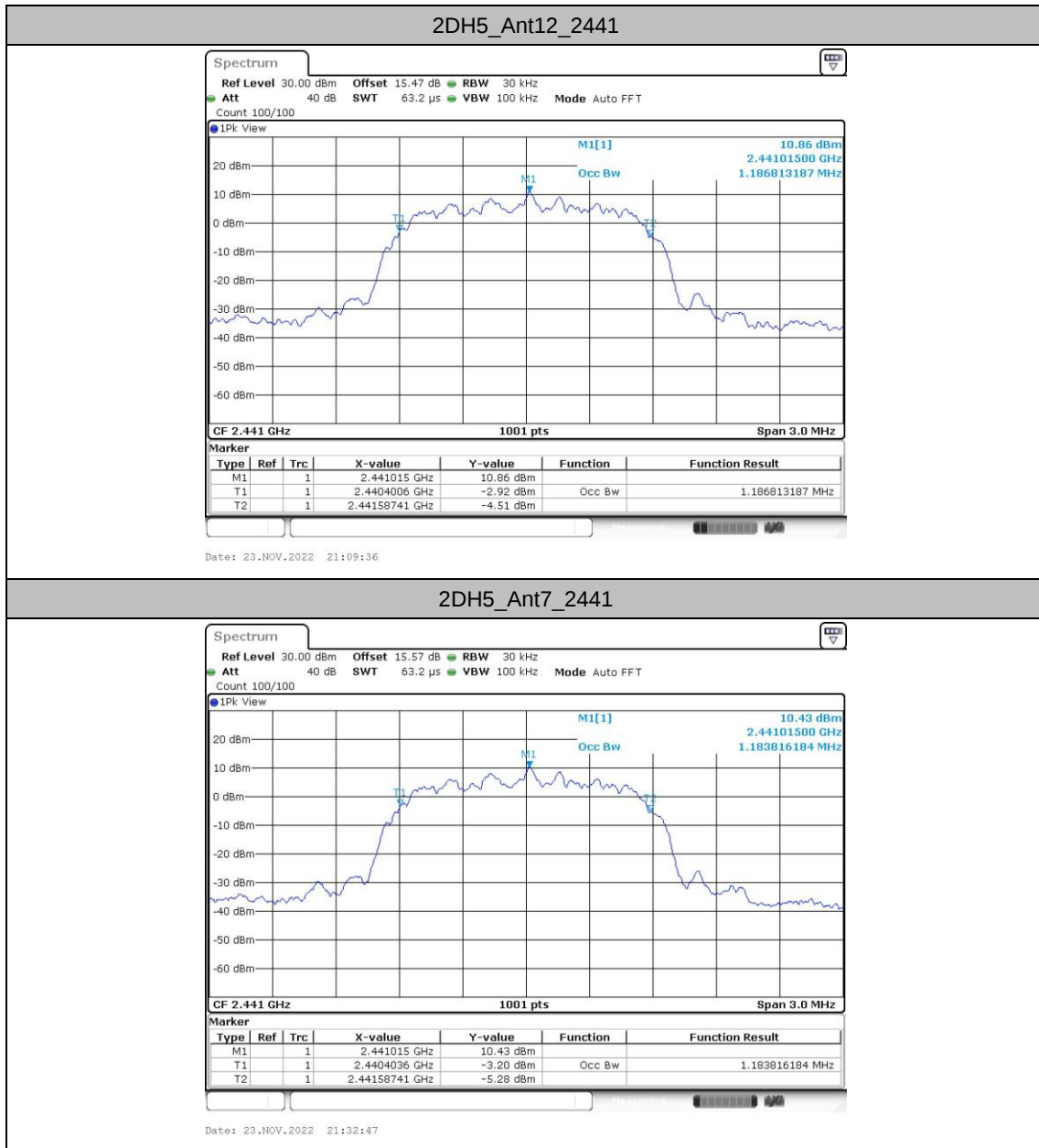


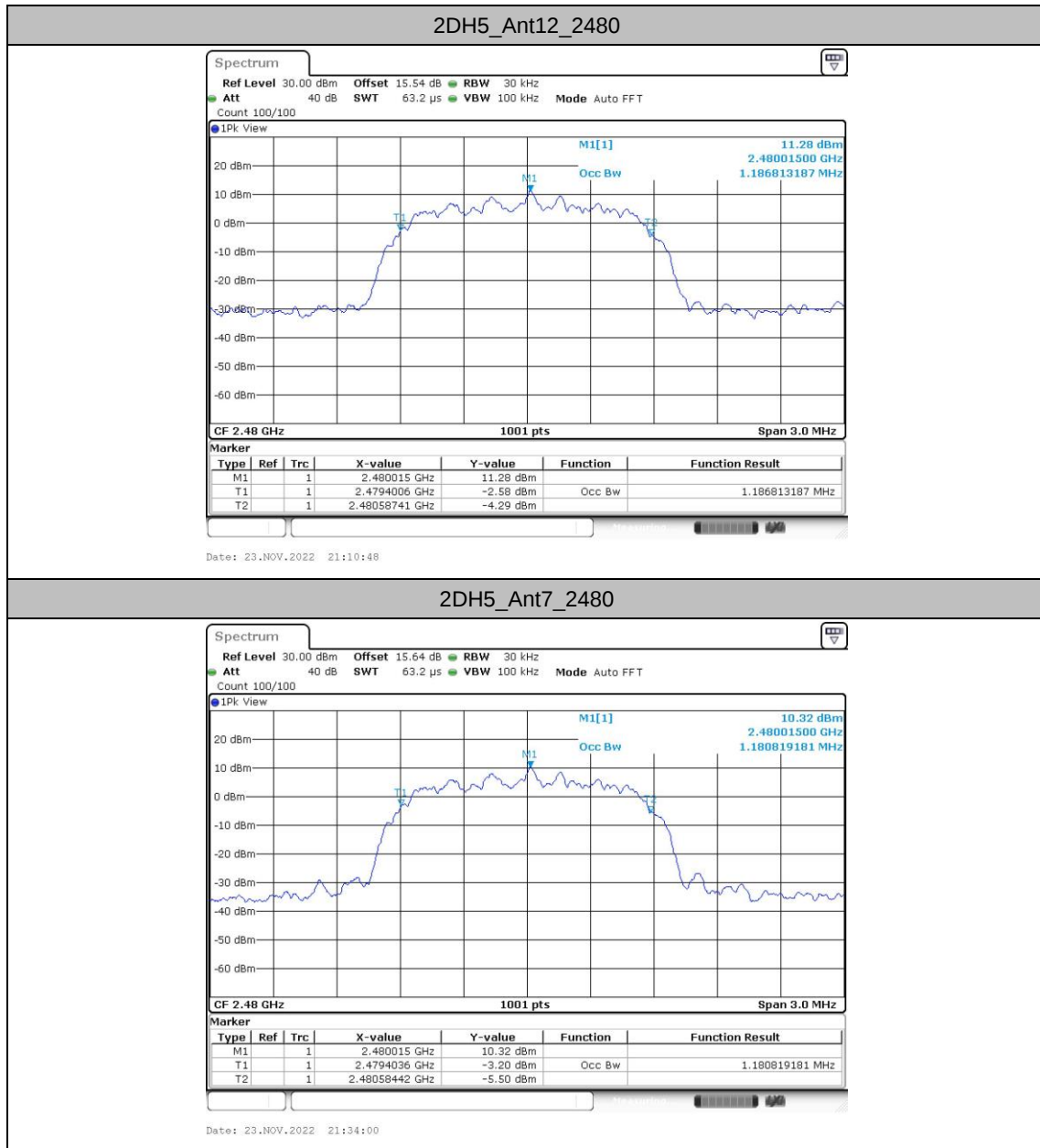
DH5_Ant7_2441

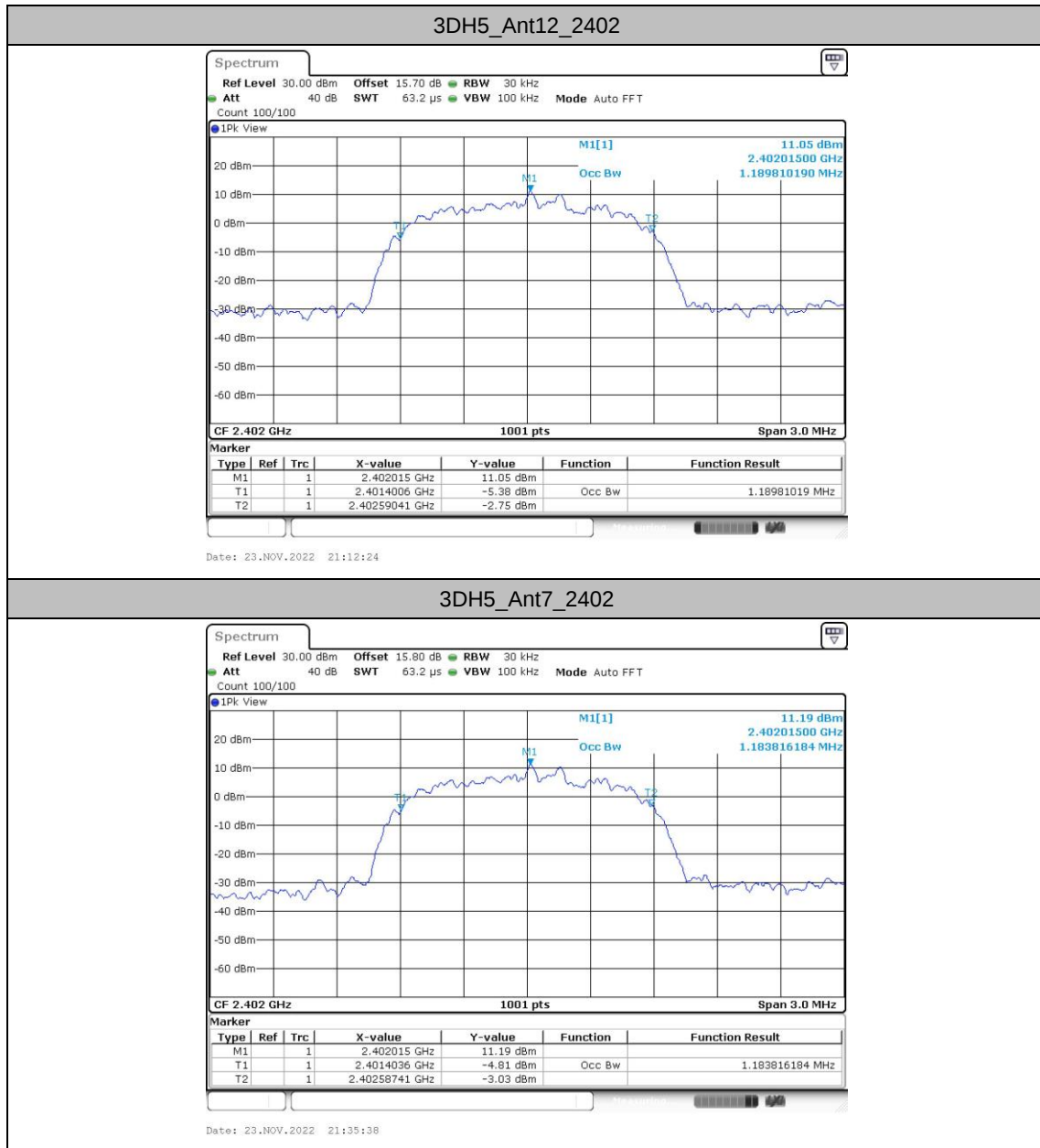


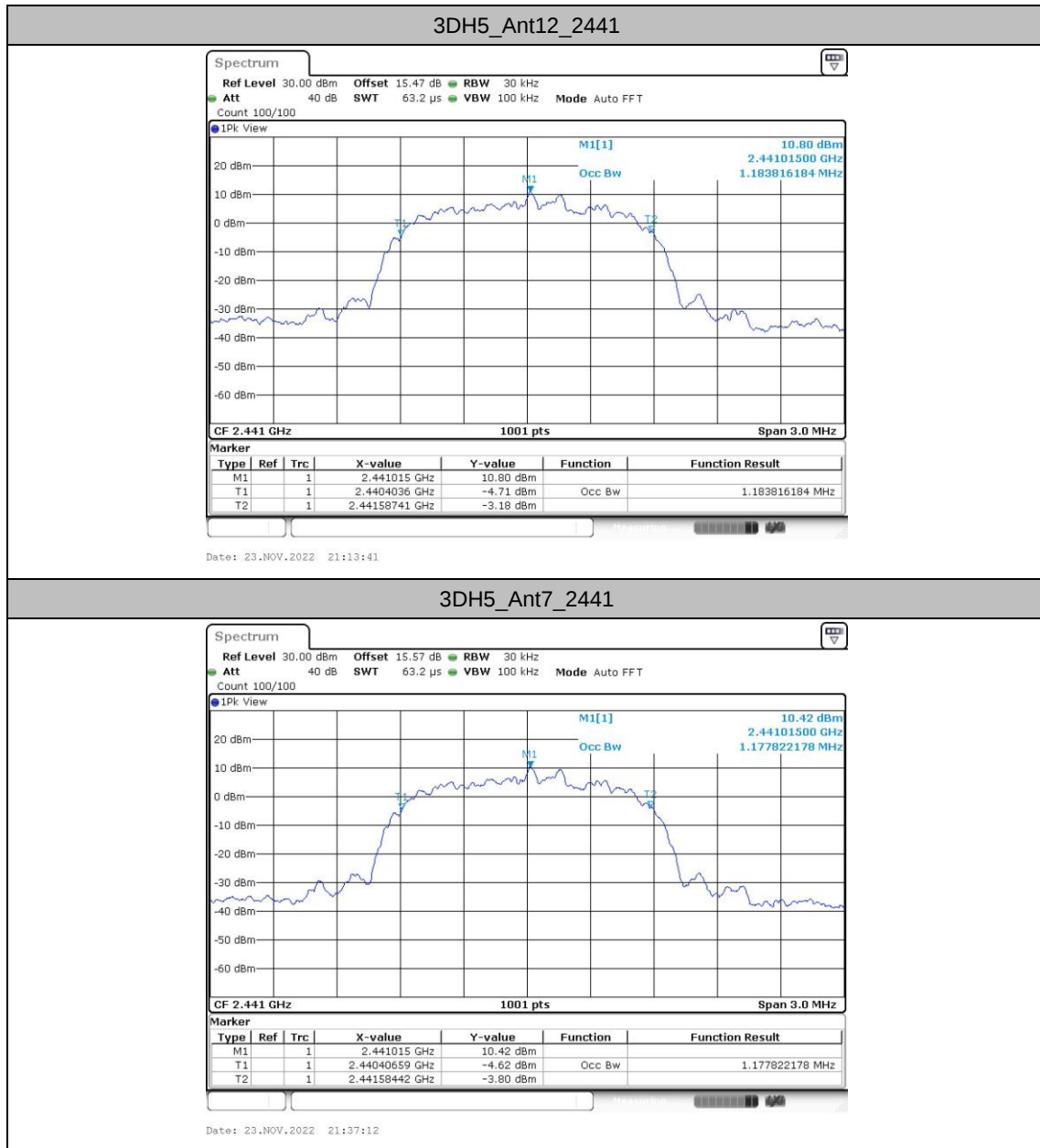


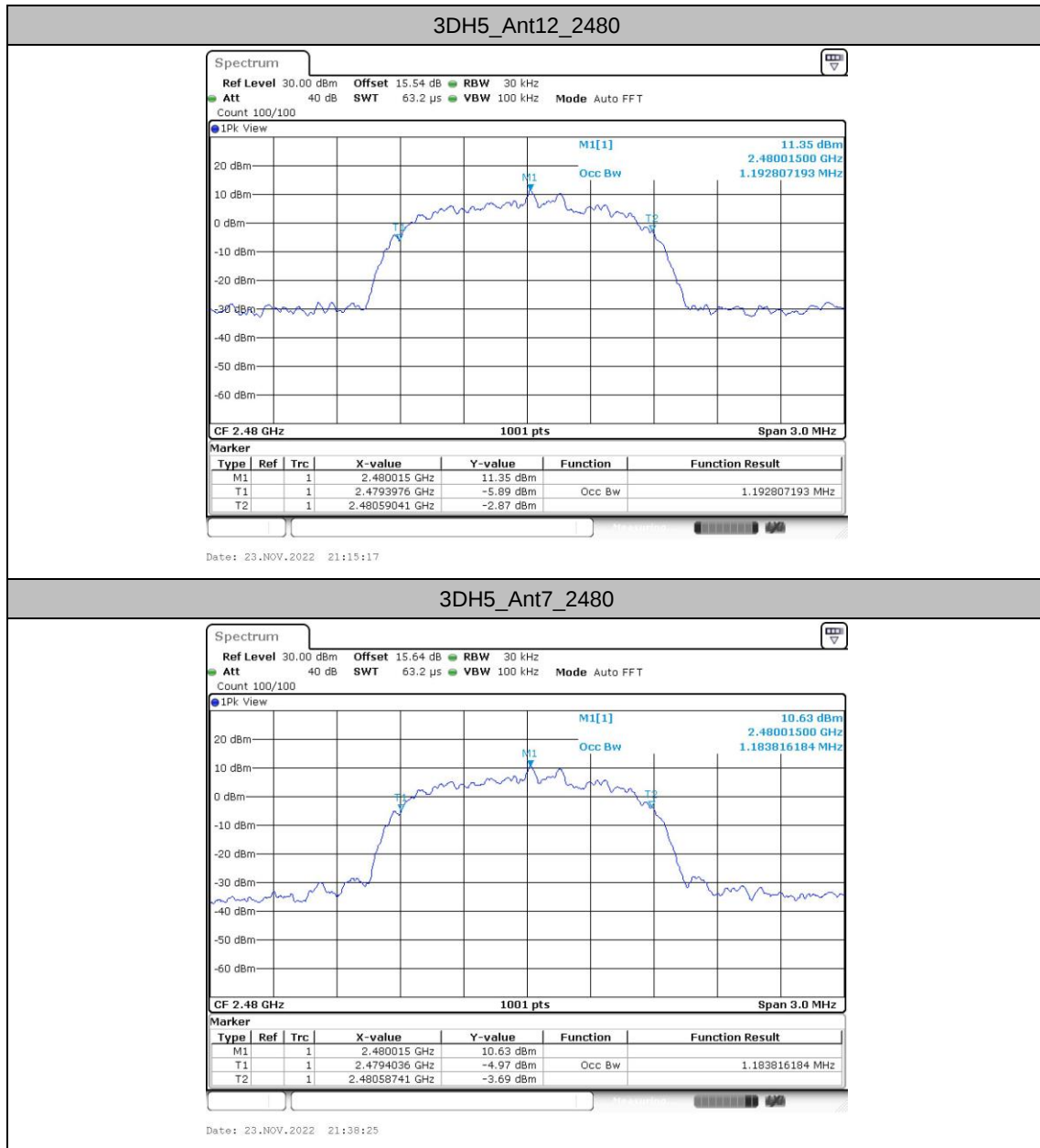














Conducted output power

Test Result Peak

Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH1-MIMO	Ant12	2402	13.19	≤20.97	PASS
	Ant7	2402	12.66	≤20.97	PASS
	Total	-	15.95	≤20.97	PASS
	Ant12	2441	12.95	≤20.97	PASS
	Ant7	2441	12.08	≤20.97	PASS
	Total	-	15.55	≤20.97	PASS
	Ant12	2480	12.89	≤20.97	PASS
	Ant7	2480	12.04	≤20.97	PASS
	Total	-	15.50	≤20.97	PASS
DH3-MIMO	Ant12	2402	12.75	≤20.97	PASS
	Ant7	2402	12.72	≤20.97	PASS
	Total	-	15.74	≤20.97	PASS
	Ant12	2441	12.88	≤20.97	PASS
	Ant7	2441	12.62	≤20.97	PASS
	Total	-	15.77	≤20.97	PASS
	Ant12	2480	12.90	≤20.97	PASS
	Ant7	2480	12.14	≤20.97	PASS
	Total	-	15.55	≤20.97	PASS
DH5-MIMO	Ant12	2402	13.21	≤20.97	PASS
	Ant7	2402	12.87	≤20.97	PASS
	Total	-	16.05	≤20.97	PASS
	Ant12	2441	13.08	≤20.97	PASS
	Ant7	2441	12.66	≤20.97	PASS
	Total	-	15.88	≤20.97	PASS
	Ant12	2480	13.10	≤20.97	PASS
	Ant7	2480	12.50	≤20.97	PASS
	Total	-	15.82	≤20.97	PASS
2DH1-MIMO	Ant12	2402	11.67	≤20.97	PASS
	Ant7	2402	11.90	≤20.97	PASS
	Total	-	14.80	≤20.97	PASS
	Ant12	2441	11.80	≤20.97	PASS
	Ant7	2441	11.36	≤20.97	PASS



	Total	-	14.59	≤20.97	PASS
	Ant12	2480	11.42	≤20.97	PASS
	Ant7	2480	11.37	≤20.97	PASS
	Total	-	14.41	≤20.97	PASS
2DH3-MIMO	Ant12	2402	12.16	≤20.97	PASS
	Ant7	2402	12.17	≤20.97	PASS
	Total	-	15.17	≤20.97	PASS
	Ant12	2441	11.93	≤20.97	PASS
	Ant7	2441	11.52	≤20.97	PASS
	Total	-	14.74	≤20.97	PASS
	Ant12	2480	11.50	≤20.97	PASS
	Ant7	2480	11.35	≤20.97	PASS
	Total	-	14.44	≤20.97	PASS
2DH5-MIMO	Ant12	2402	12.28	≤20.97	PASS
	Ant7	2402	12.09	≤20.97	PASS
	Total	-	15.20	≤20.97	PASS
	Ant12	2441	12.11	≤20.97	PASS
	Ant7	2441	11.74	≤20.97	PASS
	Total	-	14.94	≤20.97	PASS
	Ant12	2480	11.59	≤20.97	PASS
	Ant7	2480	11.50	≤20.97	PASS
	Total	-	14.56	≤20.97	PASS
3DH1-MIMO	Ant12	2402	12.27	≤20.97	PASS
	Ant7	2402	12.42	≤20.97	PASS
	Total	-	15.36	≤20.97	PASS
	Ant12	2441	12.27	≤20.97	PASS
	Ant7	2441	12.01	≤20.97	PASS
	Total	-	15.15	≤20.97	PASS
	Ant12	2480	11.75	≤20.97	PASS
	Ant7	2480	11.74	≤20.97	PASS
	Total	-	14.75	≤20.97	PASS
3DH3-MIMO	Ant12	2402	12.21	≤20.97	PASS
	Ant7	2402	12.30	≤20.97	PASS
	Total	-	15.26	≤20.97	PASS
	Ant12	2441	12.43	≤20.97	PASS
	Ant7	2441	11.88	≤20.97	PASS
	Total	-	15.17	≤20.97	PASS



	Ant12	2480	11.86	≤ 20.97	PASS
	Ant7	2480	12.03	≤ 20.97	PASS
	Total	-	14.96	≤ 20.97	PASS
3DH5-MIMO	Ant12	2402	12.35	≤ 20.97	PASS
	Ant7	2402	12.66	≤ 20.97	PASS
	Total	-	15.52	≤ 20.97	PASS
	Ant12	2441	12.53	≤ 20.97	PASS
	Ant7	2441	12.39	≤ 20.97	PASS
	Total	-	15.47	≤ 20.97	PASS
	Ant12	2480	12.11	≤ 20.97	PASS
	Ant7	2480	12.06	≤ 20.97	PASS
	Total	-	15.09	≤ 20.97	PASS



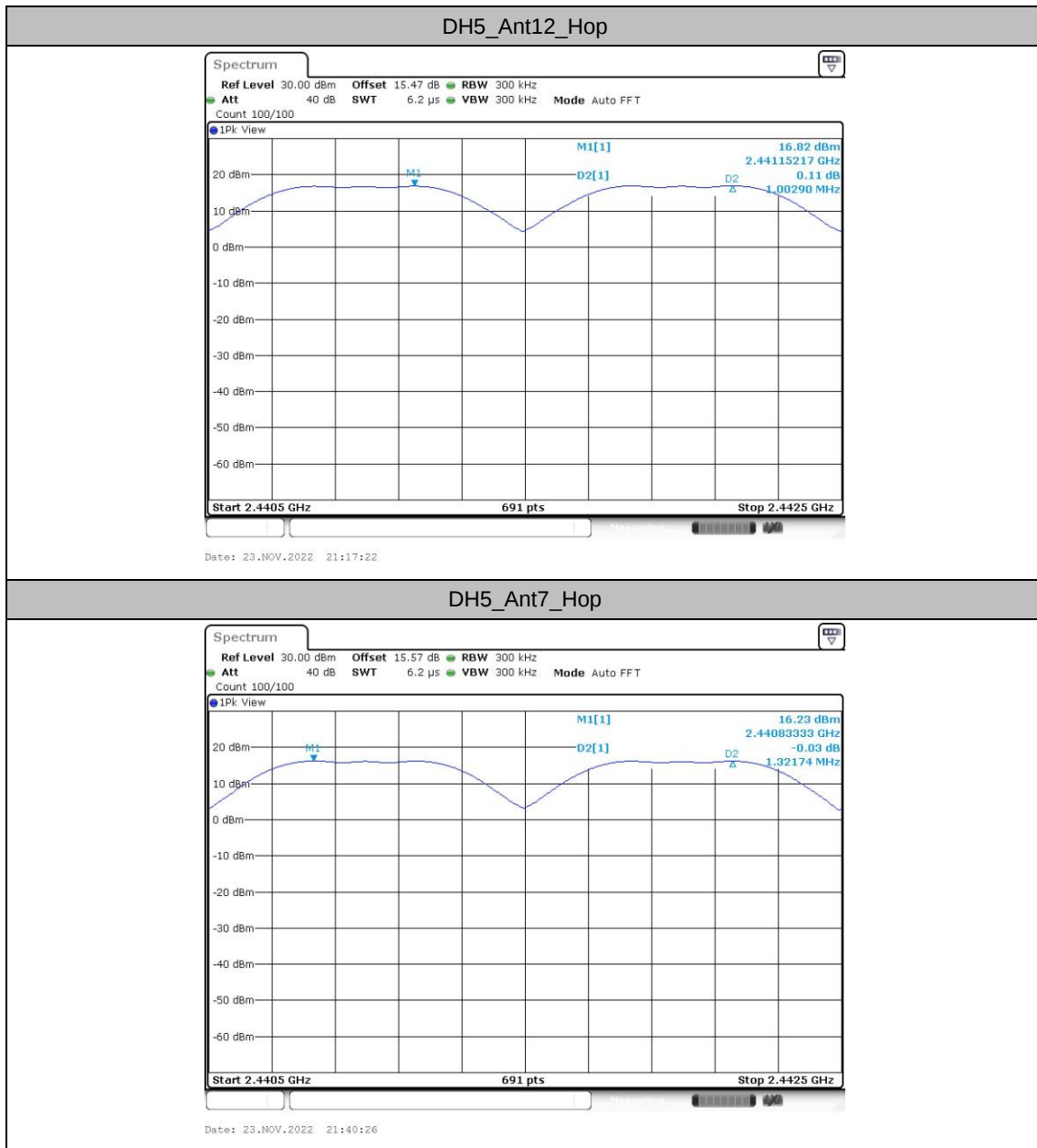
Carrier frequency separation

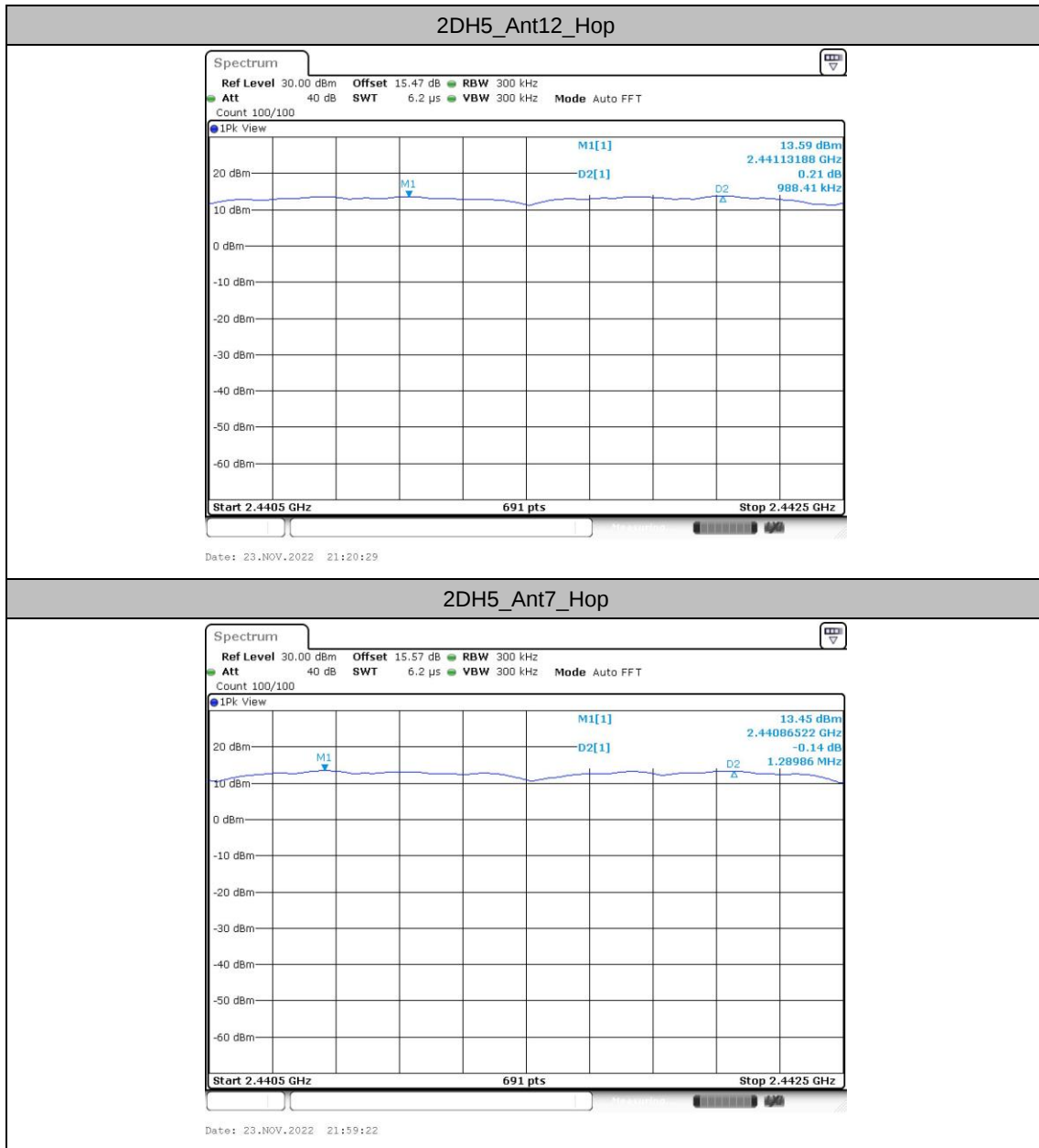
Test Result

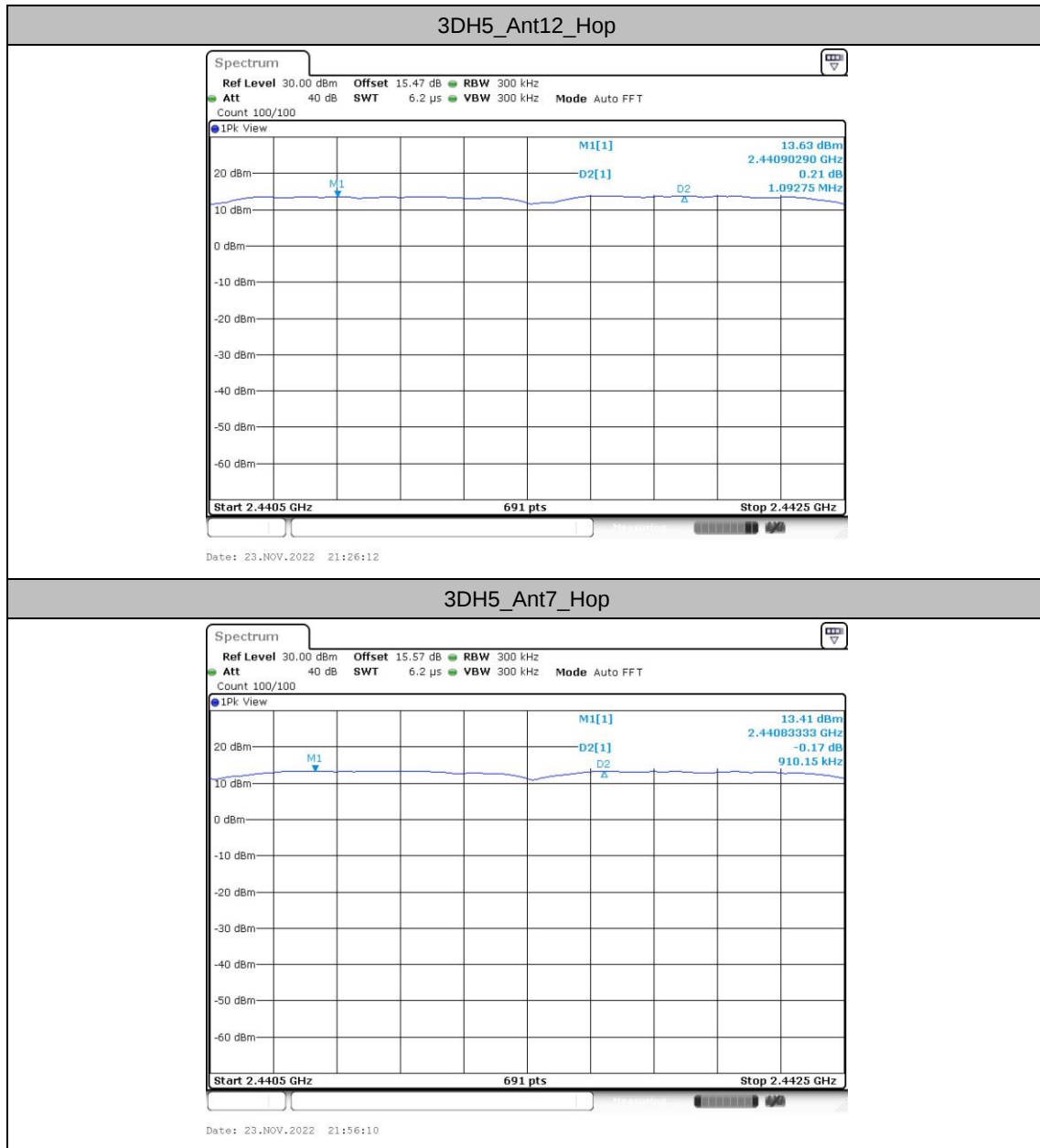
TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant12	Hop	1.003	≥ 0.640	PASS
	Ant7	Hop	1.322	≥ 0.640	PASS
2DH5	Ant12	Hop	0.988	≥ 0.887	PASS
	Ant7	Hop	1.29	≥ 0.887	PASS
3DH5	Ant12	Hop	1.093	≥ 0.873	PASS
	Ant7	Hop	0.91	≥ 0.873	PASS



Test Graphs







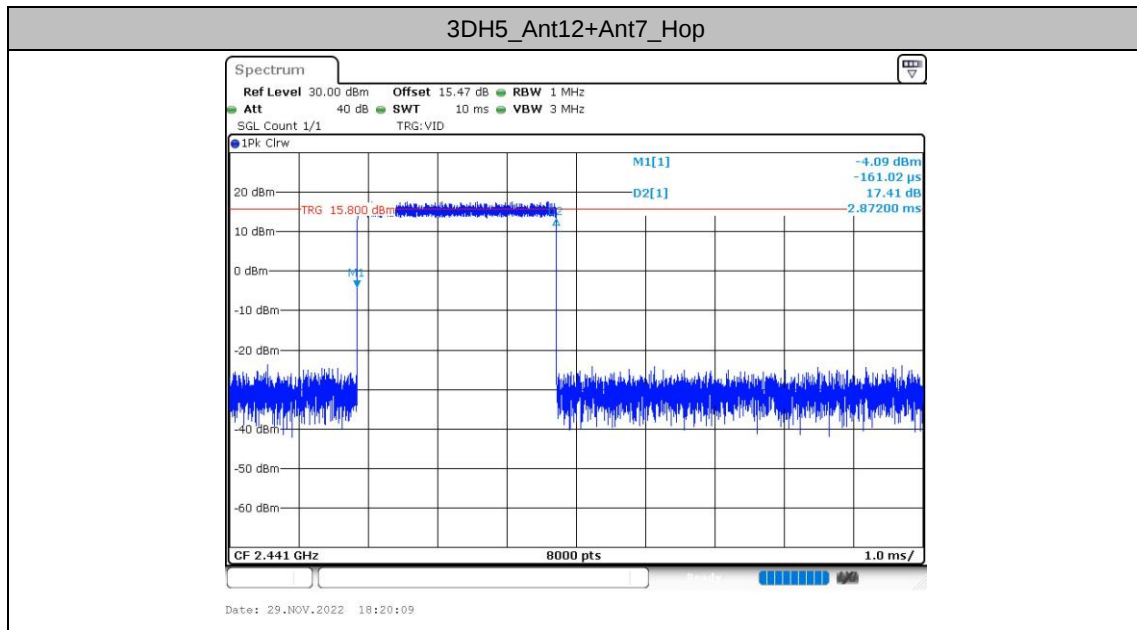


Time of occupancy

Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
3DH5	Ant12+Ant7	Hop	2.872	106.67	0.306	≤0.4	PASS

Test Graphs





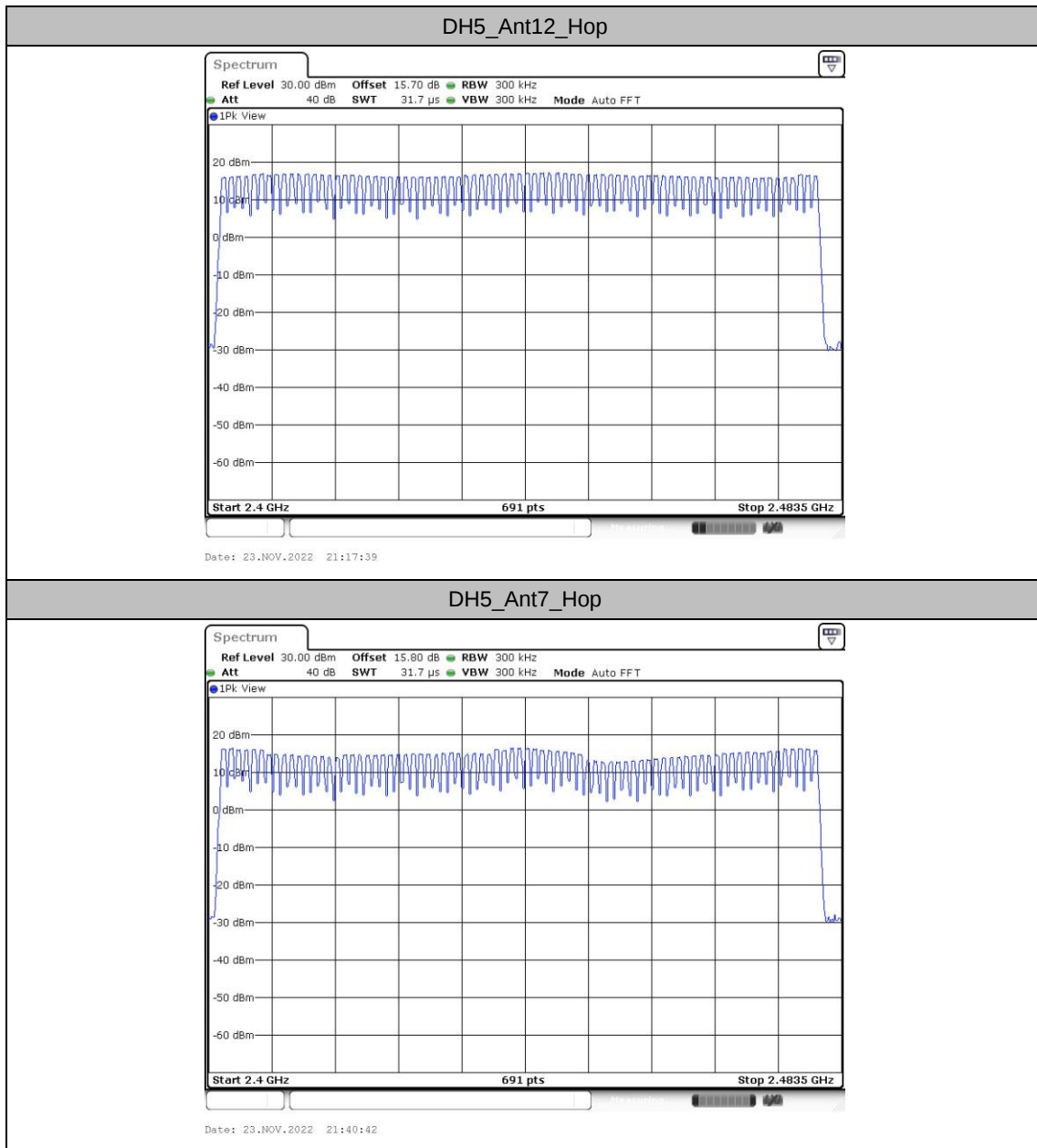
Number of hopping channels

Test Result

TestMode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant12	Hop	79	≥15	PASS
	Ant7	Hop	79	≥15	PASS



Test Graphs





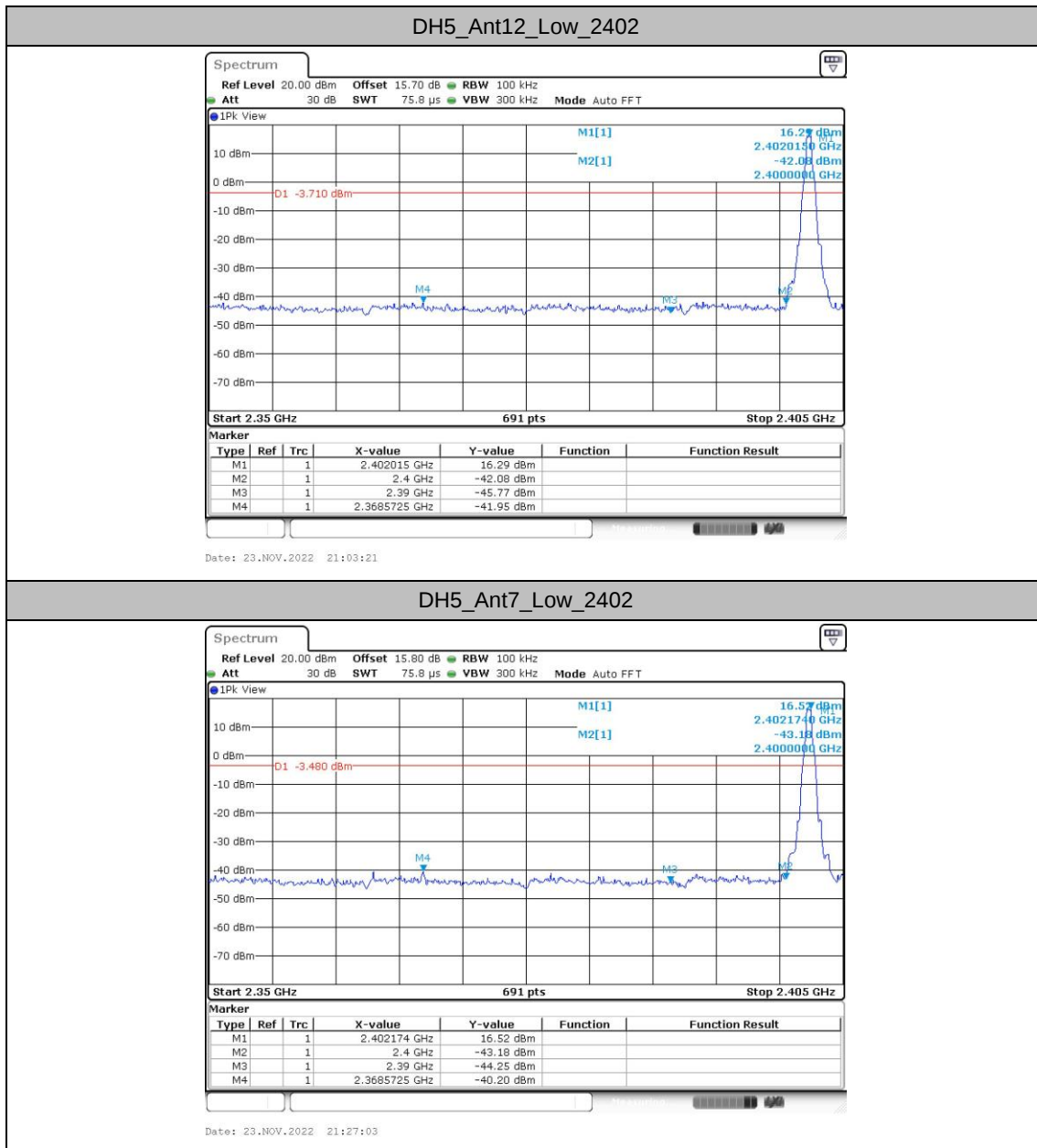
Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant12	Low	2402	16.29	-41.95	≤ -3.71	PASS
	Ant7	Low	2402	16.52	-40.2	≤ -3.48	PASS
	Ant12	High	2480	16.75	-40.92	≤ -3.25	PASS
	Ant7	High	2480	16.05	-40.98	≤ -3.95	PASS
	Ant12	Low	Hop_2402	15.35	-41.29	≤ -4.65	PASS
	Ant7	Low	Hop_2402	15.56	-40.81	≤ -4.44	PASS
	Ant12	High	Hop_2480	15.64	-40.36	≤ -4.36	PASS
	Ant7	High	Hop_2480	15.60	-40.46	≤ -4.4	PASS
2DH5	Ant12	Low	2402	12.84	-40.52	≤ -7.16	PASS
	Ant7	Low	2402	13.57	-36.32	≤ -6.43	PASS
	Ant12	High	2480	13.87	-40.6	≤ -6.13	PASS
	Ant7	High	2480	13.20	-40.97	≤ -6.8	PASS
	Ant12	Low	Hop_2402	12.69	-41.08	≤ -7.31	PASS
	Ant7	Low	Hop_2402	11.45	-41.53	≤ -8.55	PASS
	Ant12	High	Hop_2480	11.14	-40.65	≤ -8.86	PASS
	Ant7	High	Hop_2480	11.16	-40.97	≤ -8.84	PASS
3DH5	Ant12	Low	2402	13.42	-40.51	≤ -6.58	PASS
	Ant7	Low	2402	13.65	-38.49	≤ -6.35	PASS
	Ant12	High	2480	13.88	-40.42	≤ -6.12	PASS
	Ant7	High	2480	12.85	-40.9	≤ -7.15	PASS
	Ant12	Low	Hop_2402	11.89	-41.55	≤ -8.11	PASS
	Ant7	Low	Hop_2402	13.66	-41.27	≤ -6.34	PASS
	Ant12	High	Hop_2480	11.16	-40.67	≤ -8.84	PASS
	Ant7	High	Hop_2480	11.47	-40.73	≤ -8.53	PASS

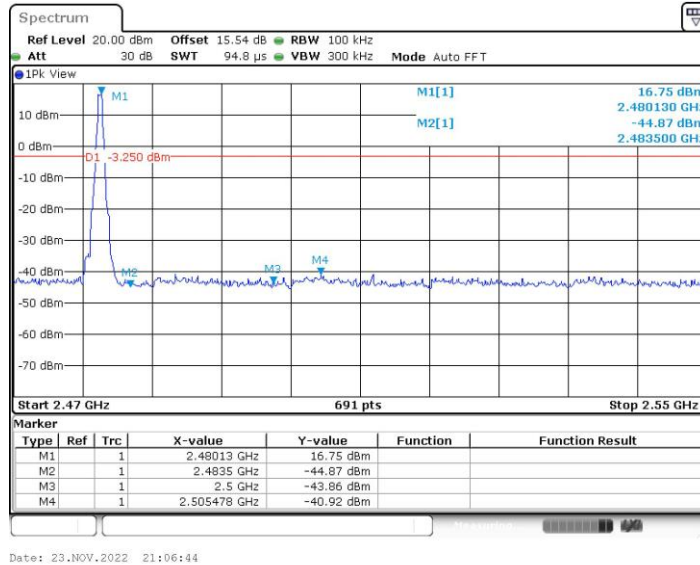


Test Graphs

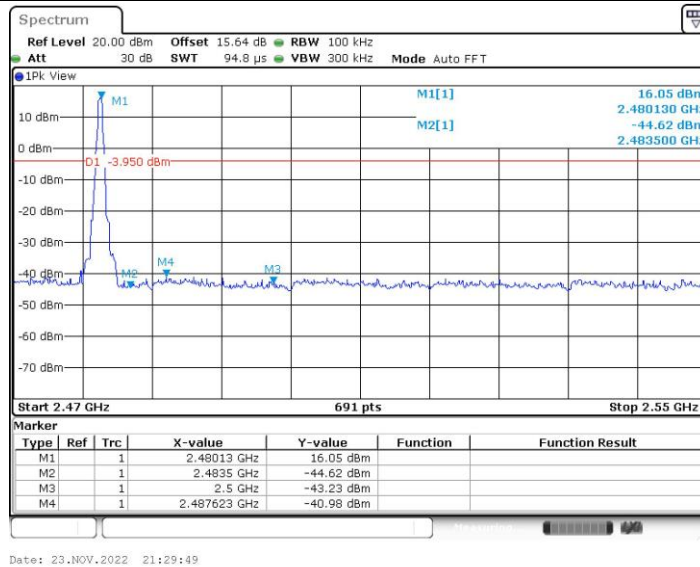


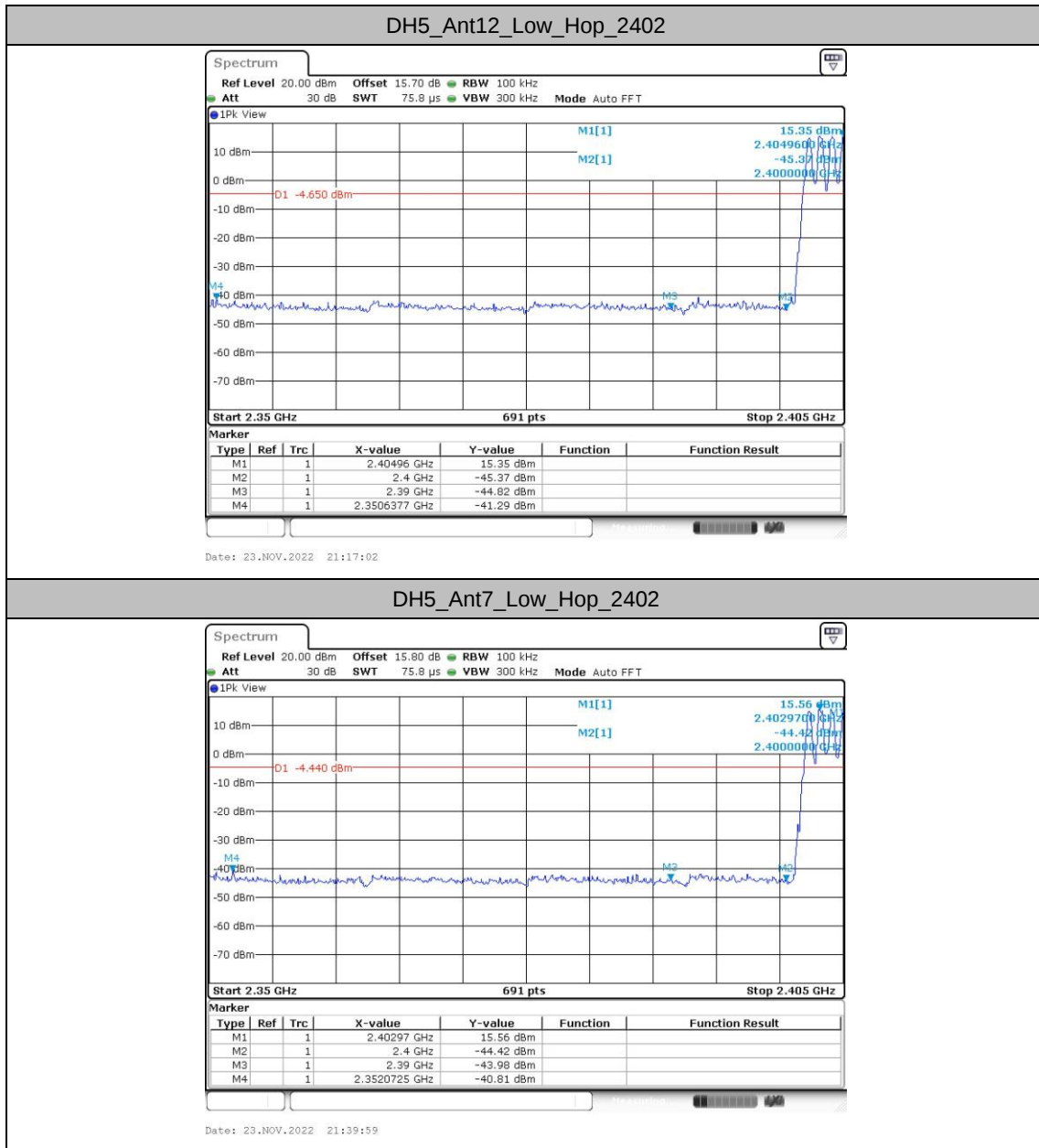


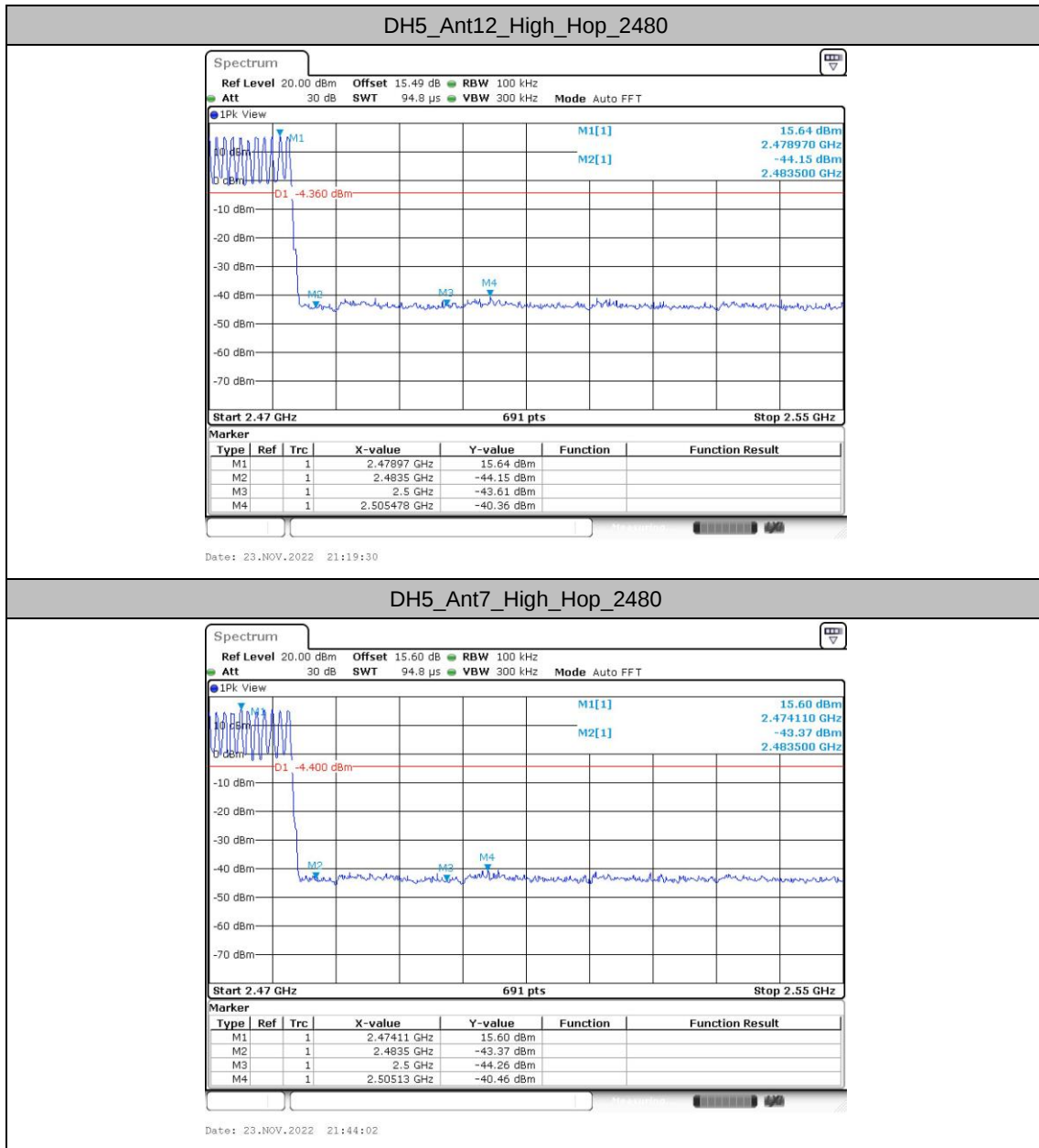
DH5_Ant12_High_2480

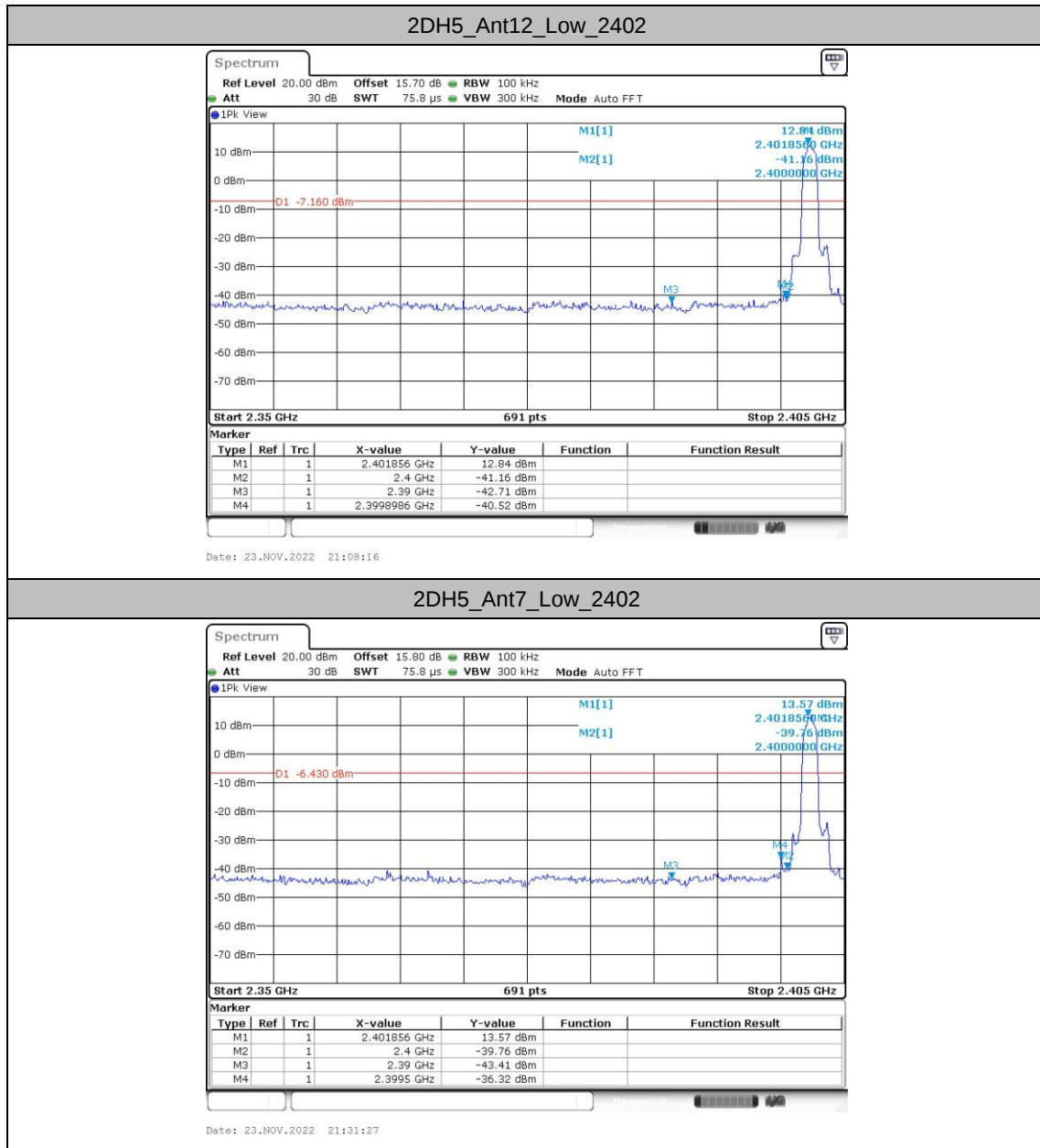


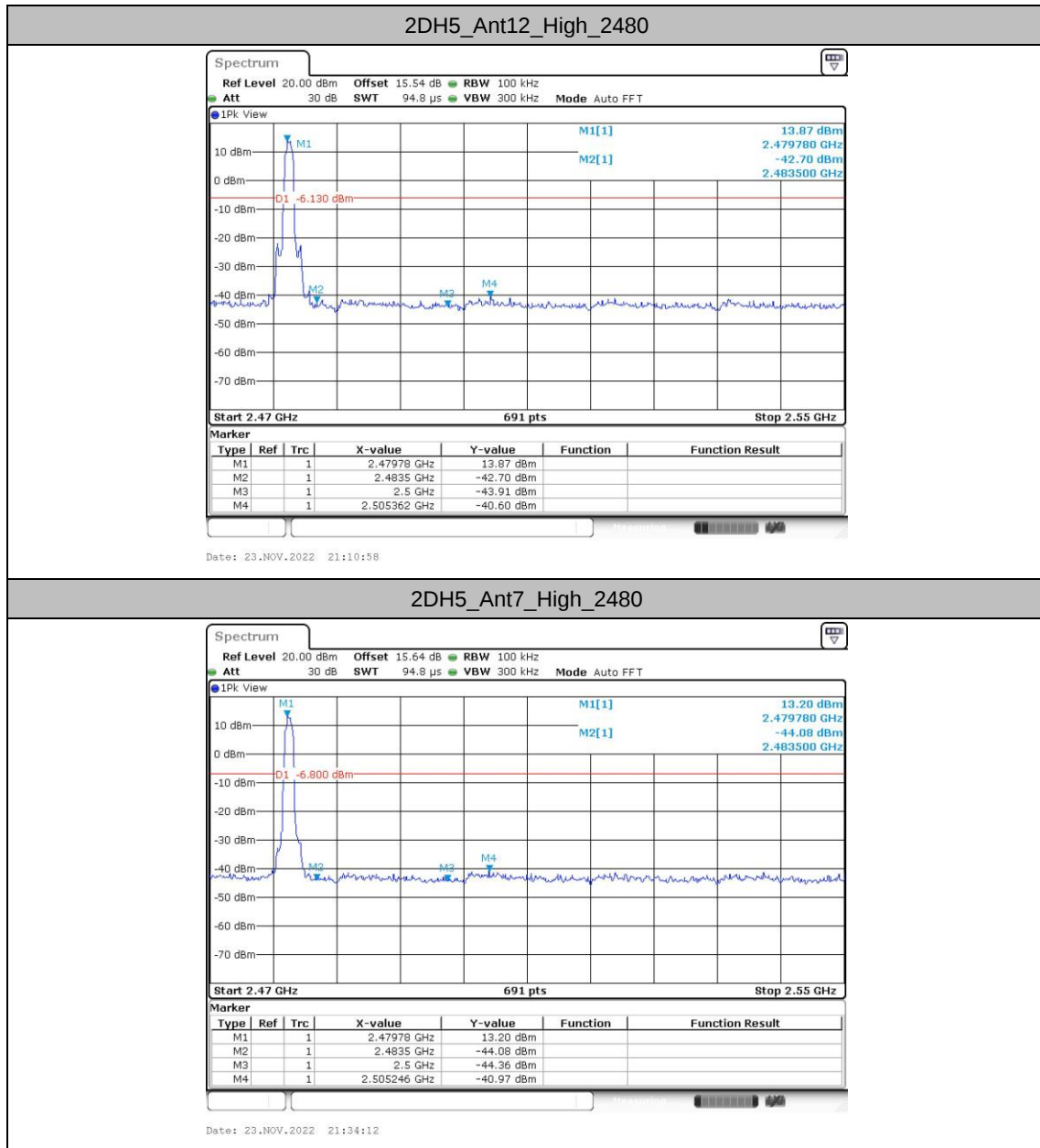
DH5_Ant7_High_2480

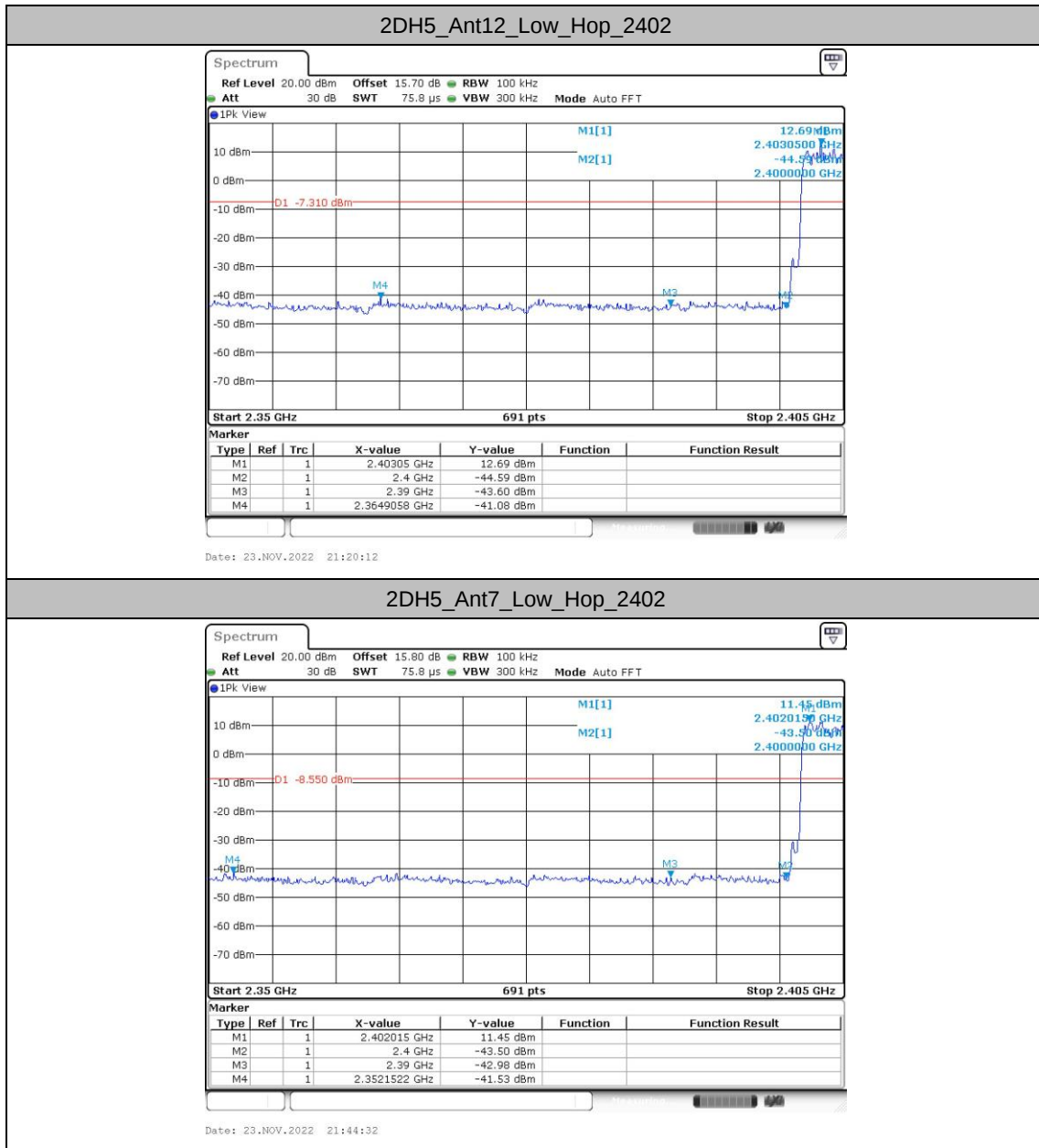


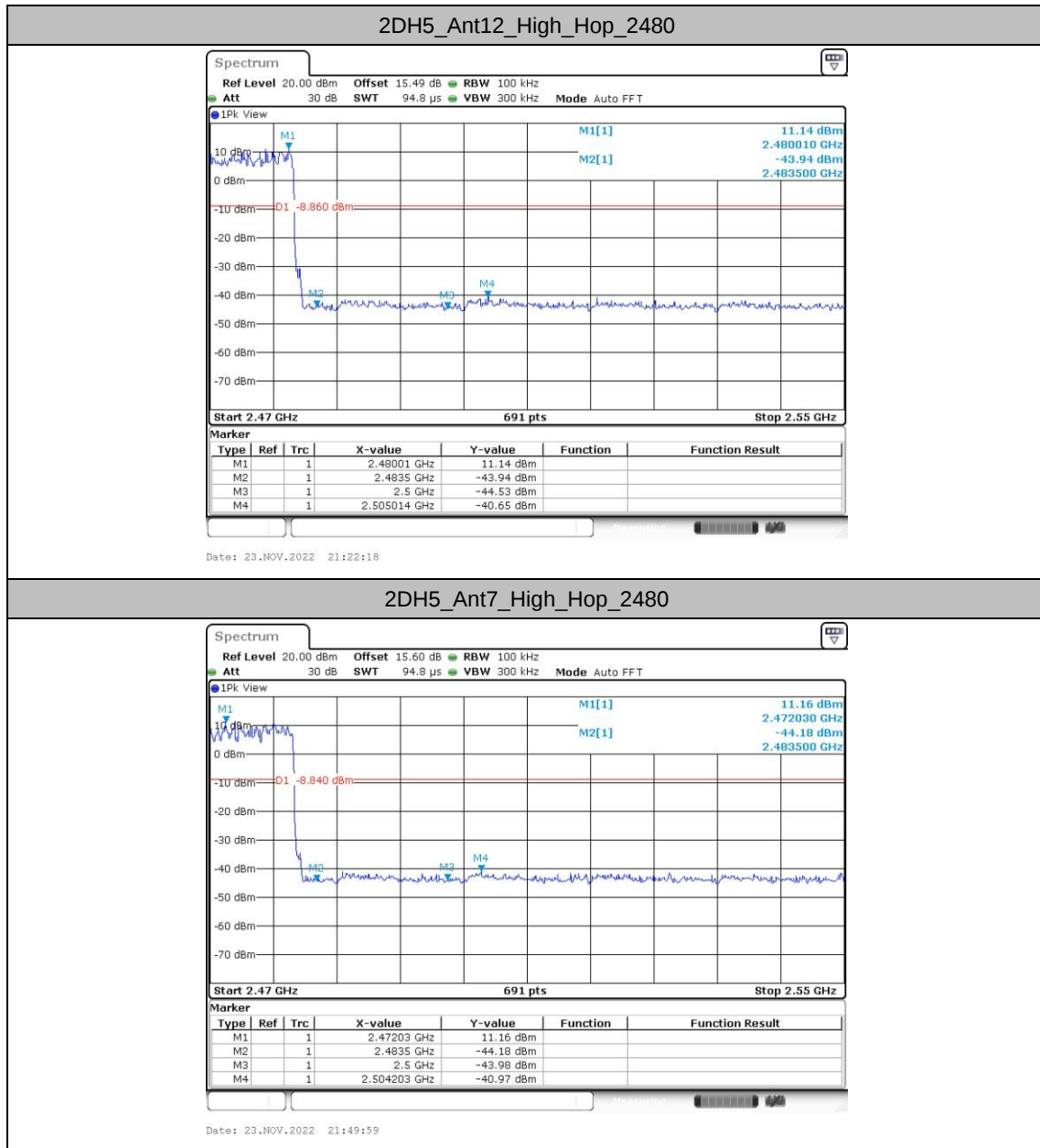


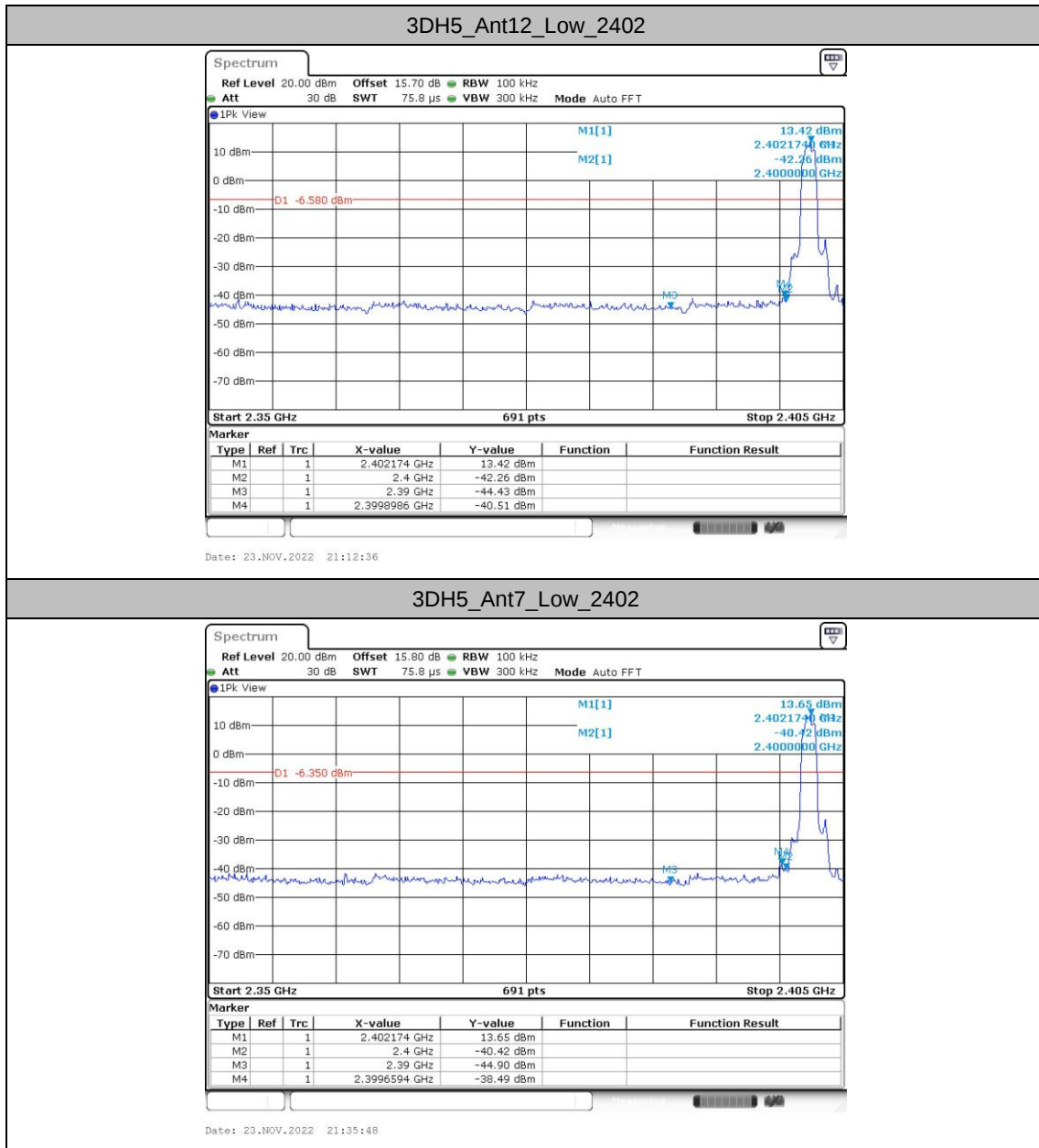


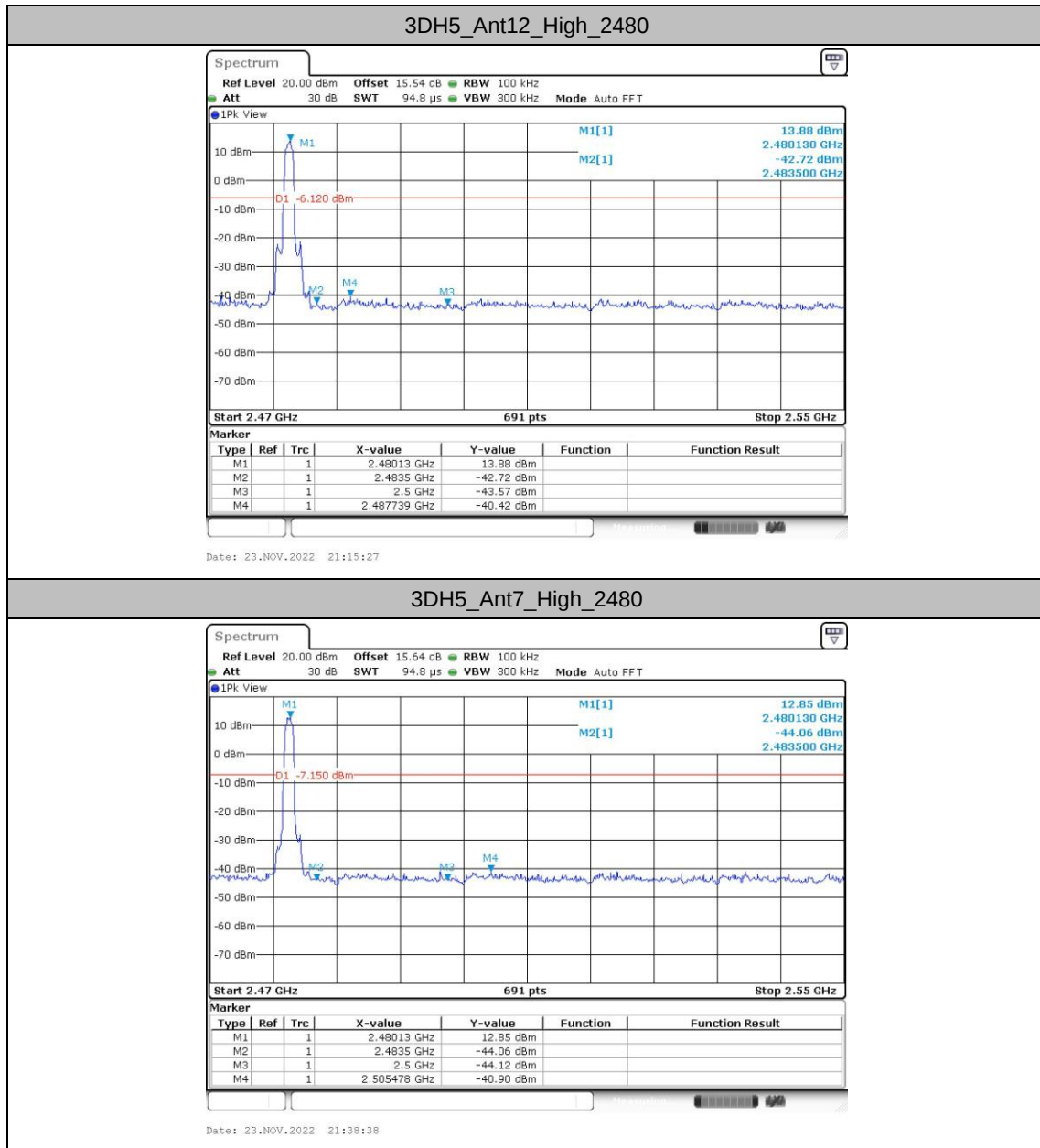


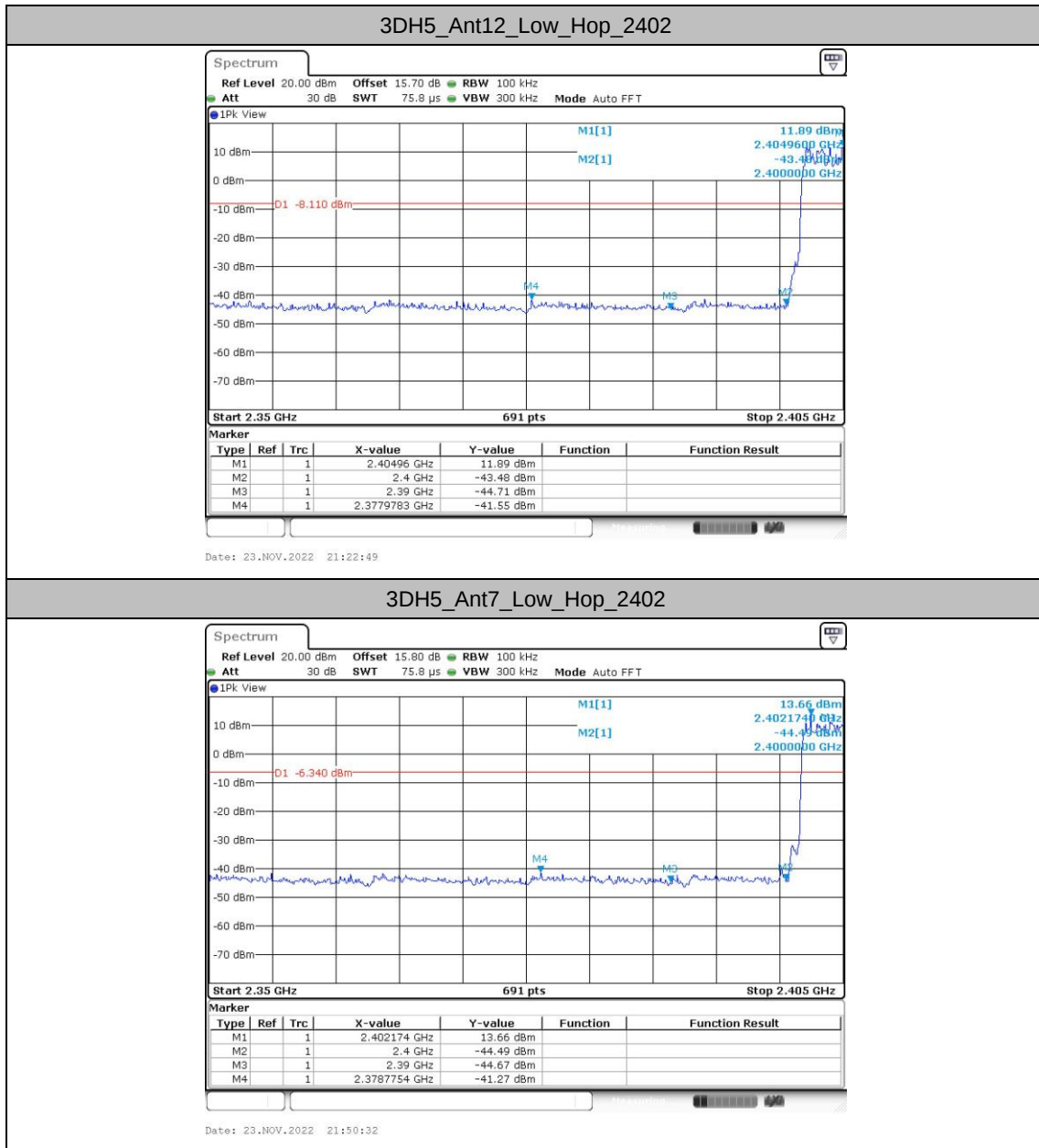


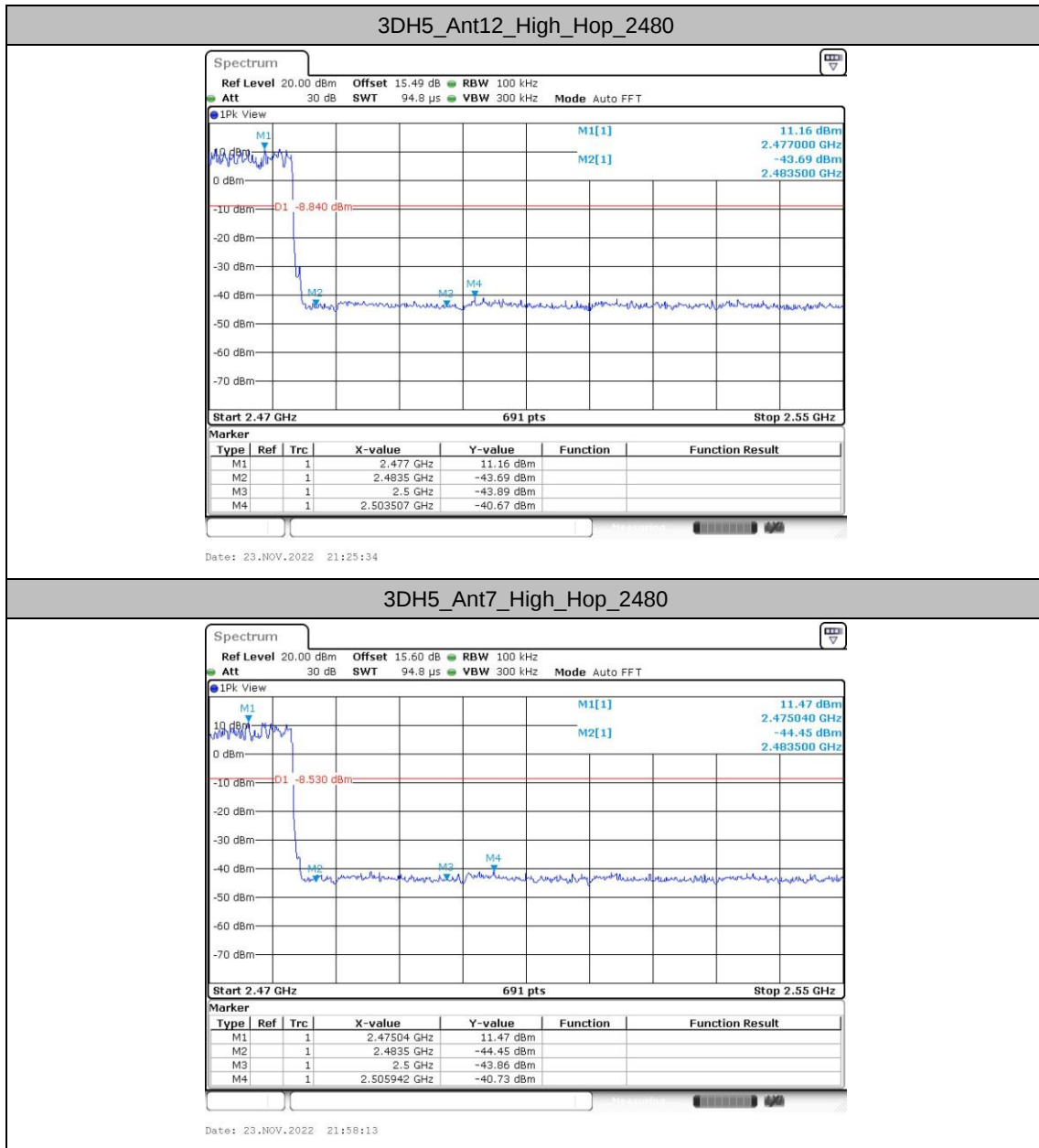














Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant12	2402	Reference	16.69	16.69		PASS
			30~1000	16.69	-47.89	≤-3.31	PASS
			1000~26500	16.69	-42.03	≤-3.31	PASS
	Ant7	2402	Reference	16.63	16.63		PASS
			30~1000	16.63	-52	≤-3.37	PASS
			1000~26500	16.63	-41.74	≤-3.37	PASS
	Ant12	2441	Reference	16.58	16.58		PASS
			30~1000	16.58	-48.1	≤-3.42	PASS
			1000~26500	16.58	-42.21	≤-3.42	PASS
	Ant7	2441	Reference	16.02	16.02		PASS
			30~1000	16.02	-52.38	≤-3.98	PASS
			1000~26500	16.02	-42.5	≤-3.98	PASS
	Ant12	2480	Reference	16.89	16.89		PASS
			30~1000	16.89	-47.87	≤-3.11	PASS
			1000~26500	16.89	-43.07	≤-3.11	PASS
	Ant7	2480	Reference	16.05	16.05		PASS
			30~1000	16.05	-52.03	≤-3.95	PASS
			1000~26500	16.05	-42.63	≤-3.95	PASS
2DH5	Ant12	2402	Reference	13.77	13.77		PASS
			30~1000	13.77	-47.86	≤-6.23	PASS
			1000~26500	13.77	-41.05	≤-6.23	PASS
	Ant7	2402	Reference	13.66	13.66		PASS
			30~1000	13.66	-52.7	≤-6.34	PASS
			1000~26500	13.66	-42.72	≤-6.34	PASS
	Ant12	2441	Reference	13.30	13.30		PASS
			30~1000	13.30	-48.22	≤-6.7	PASS
			1000~26500	13.30	-42.68	≤-6.7	PASS
	Ant7	2441	Reference	12.89	12.89		PASS
			30~1000	12.89	-52.41	≤-7.11	PASS
			1000~26500	12.89	-43.21	≤-7.11	PASS
	Ant12	2480	Reference	13.84	13.84		PASS
			30~1000	13.84	-48.32	≤-6.16	PASS
			1000~26500	13.84	-42.98	≤-6.16	PASS



	Ant7	2480	Reference	13.16	13.16		PASS
			30~1000	13.16	-52.47	≤ -6.84	PASS
			1000~26500	13.16	-42.93	≤ -6.84	PASS
3DH5	Ant12	2402	Reference	13.62	13.62		PASS
			30~1000	13.62	-48.32	≤ -6.38	PASS
			1000~26500	13.62	-42.24	≤ -6.38	PASS
	Ant7	2402	Reference	13.75	13.75		PASS
			30~1000	13.75	-52.51	≤ -6.25	PASS
			1000~26500	13.75	-42.32	≤ -6.25	PASS
	Ant12	2441	Reference	13.38	13.38		PASS
			30~1000	13.38	-47.46	≤ -6.62	PASS
			1000~26500	13.38	-43.12	≤ -6.62	PASS
	Ant7	2441	Reference	12.94	12.94		PASS
			30~1000	12.94	-53.12	≤ -7.06	PASS
			1000~26500	12.94	-41.93	≤ -7.06	PASS
	Ant12	2480	Reference	13.88	13.88		PASS
			30~1000	13.88	-48.07	≤ -6.12	PASS
			1000~26500	13.88	-43.18	≤ -6.12	PASS
	Ant7	2480	Reference	13.18	13.18		PASS
			30~1000	13.18	-51.92	≤ -6.82	PASS
			1000~26500	13.18	-42.57	≤ -6.82	PASS



Test Graphs

