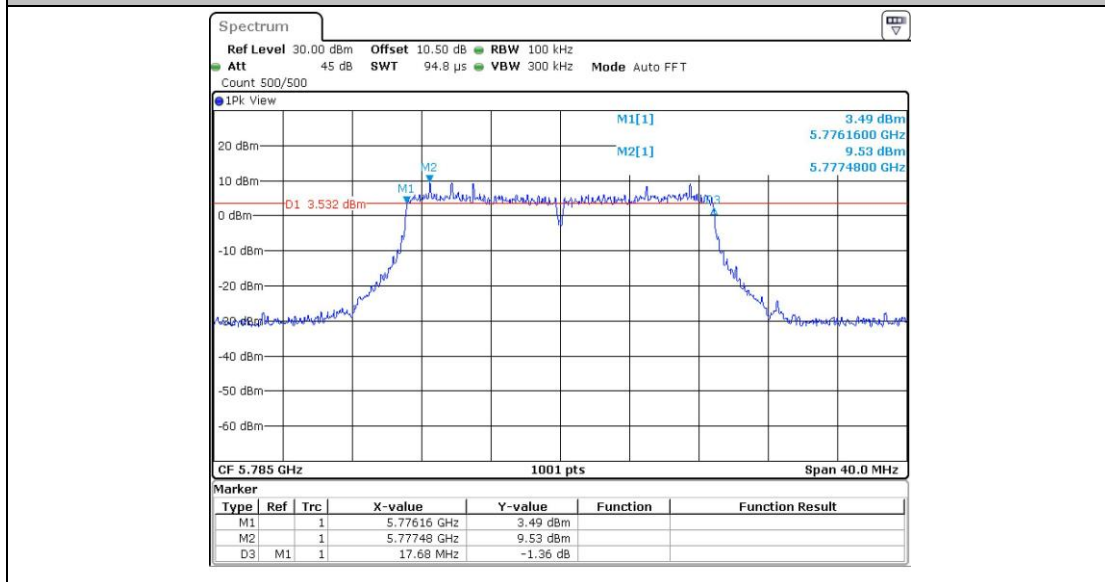
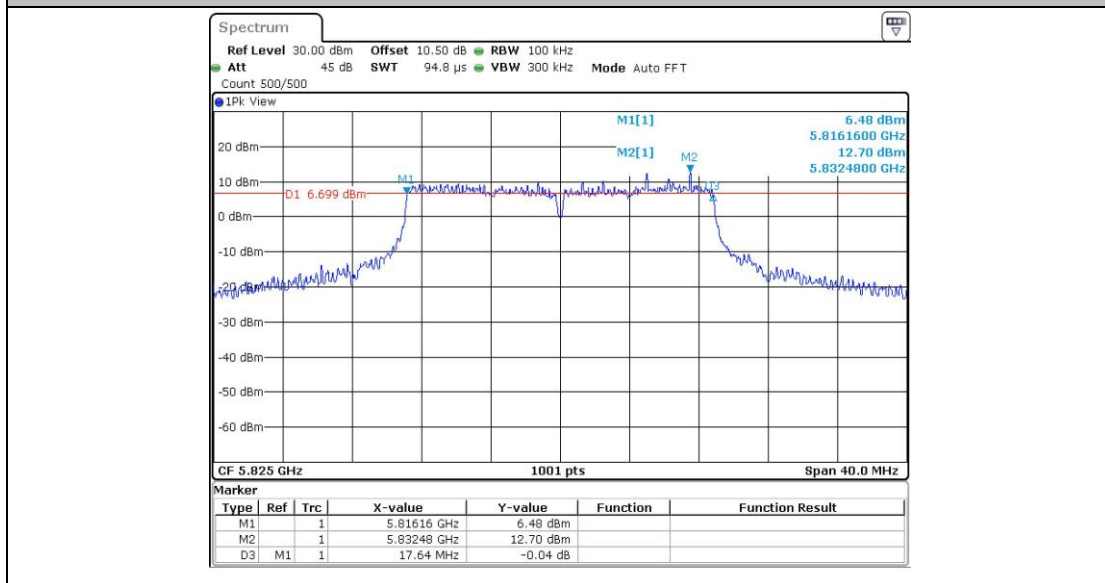


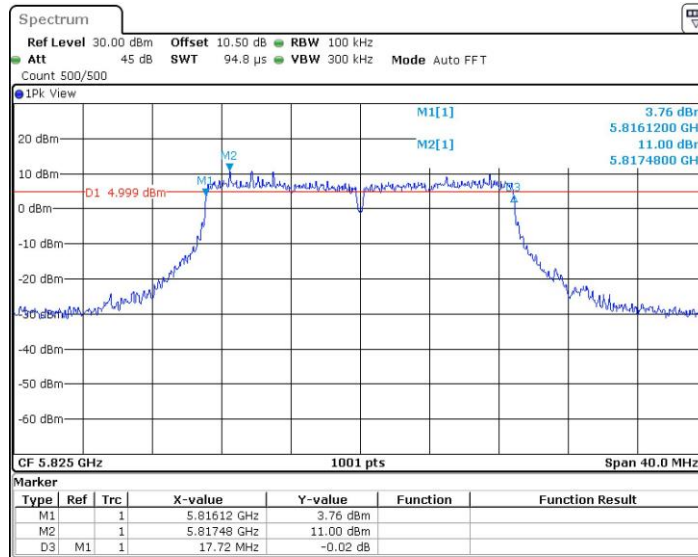
11N20SISO_Ant3_5785



11N20SISO_Ant4_5785



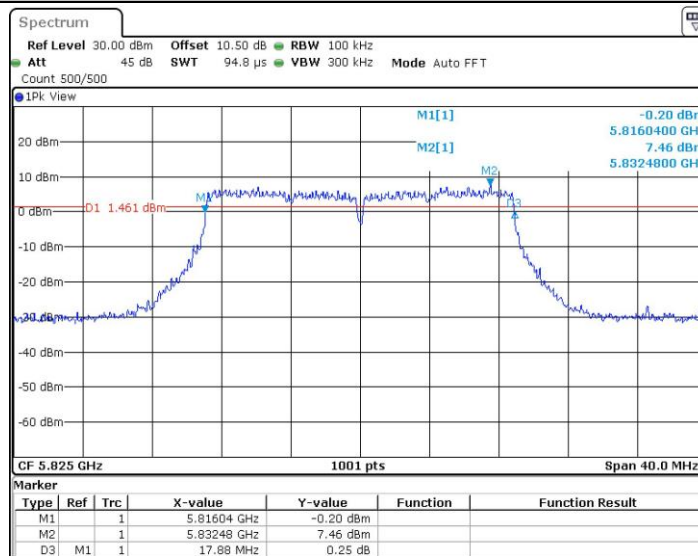
11N20SISO_Ant1_5825



11N20SISO_Ant2_5825



11N20SISO_Ant3_5825



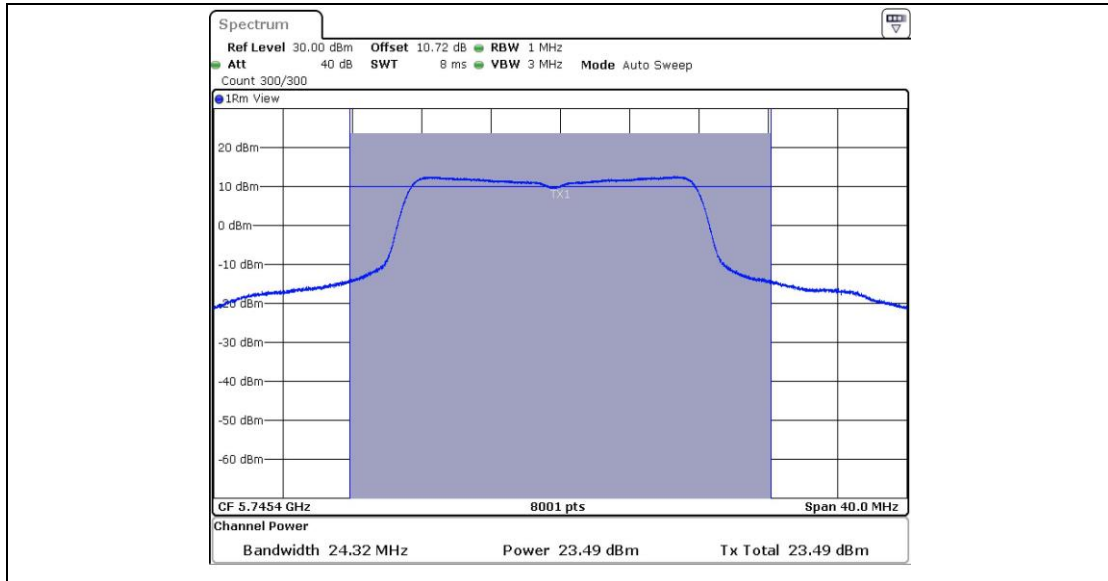
11N20SISO_Ant4_5825

Appendix D: Maximum conducted output power

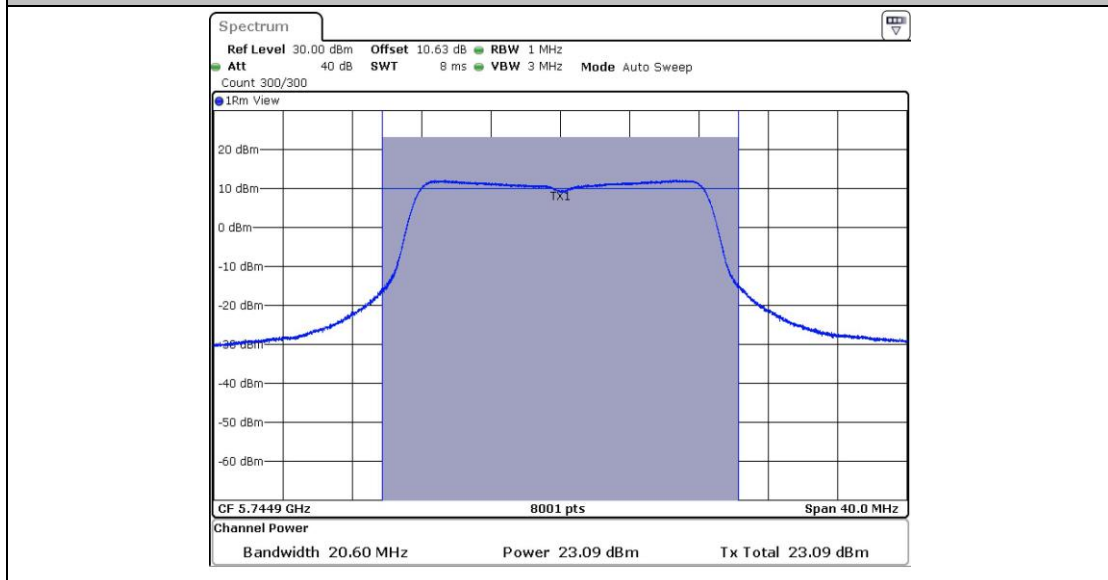
Test Result

TestMode	Antenna	Channel	Result	Limit	Verdict
11A	Ant1	5745	23.49	<=30	PASS
	Ant2	5745	23.09	<=30	PASS
	Ant3	5745	22.78	<=30	PASS
	Ant4	5745	21.20	<=30	PASS
	Ant1	5785	23.87	<=30	PASS
	Ant2	5785	23.16	<=30	PASS
	Ant3	5785	23.09	<=30	PASS
	Ant4	5785	21.37	<=30	PASS
	Ant1	5825	23.73	<=30	PASS
	Ant2	5825	23.00	<=30	PASS
	Ant3	5825	23.14	<=30	PASS
	Ant4	5825	21.35	<=30	PASS
11N20SISO	Ant1	5745	23.47	<=30	PASS
	Ant2	5745	23.08	<=30	PASS
	Ant3	5745	22.79	<=30	PASS
	Ant4	5745	21.08	<=30	PASS
	Ant1	5785	23.80	<=30	PASS
	Ant2	5785	23.06	<=30	PASS
	Ant3	5785	22.88	<=30	PASS
	Ant4	5785	21.16	<=30	PASS
	Ant1	5825	23.83	<=30	PASS
	Ant2	5825	22.99	<=30	PASS
	Ant3	5825	22.90	<=30	PASS
	Ant4	5825	21.26	<=30	PASS
11N20MIMO	Ant1	5745	19.50	<=30	PASS
	Ant2	5745	17.61	<=30	PASS
	Ant3	5745	18.86	<=30	PASS
	Ant4	5745	18.26	<=30	PASS
	total	5745	24.6	<=25.13	PASS
	Ant1	5785	17.61	<=30	PASS
	Ant2	5785	16.67	<=30	PASS
	Ant3	5785	16.32	<=30	PASS
	Ant4	5785	18.49	<=30	PASS
	total	5785	23.4	<=25.13	PASS
	Ant1	5825	17.87	<=30	PASS
	Ant2	5825	17.01	<=30	PASS
	Ant3	5825	18.78	<=30	PASS
	Ant4	5825	18.71	<=30	PASS
	total	5825	24.2	<=25.13	PASS

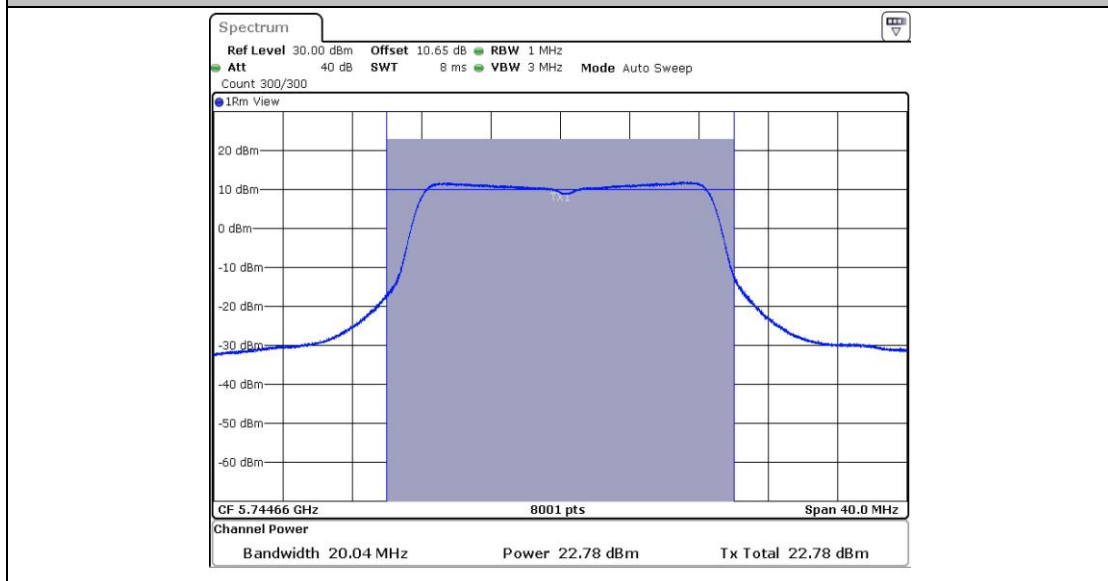
Test Graphs



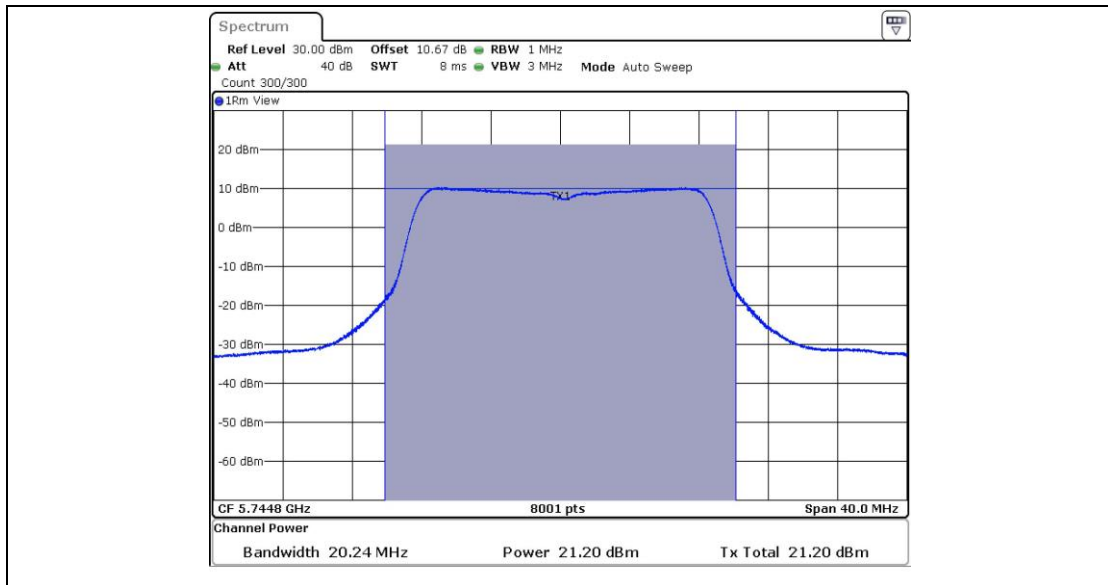
11A_Ant1_5745



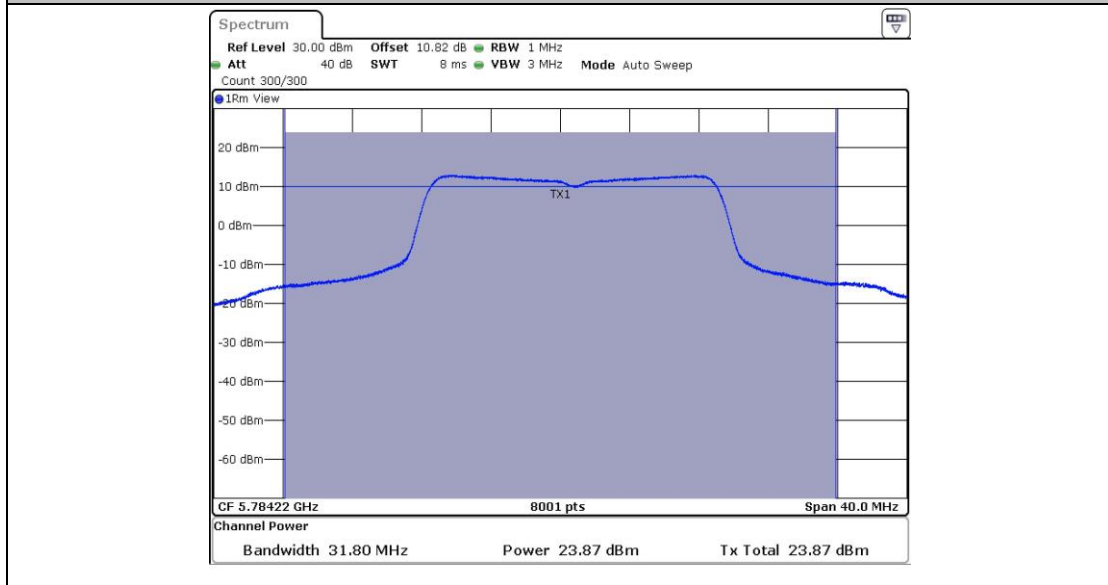
11A_Ant2_5745



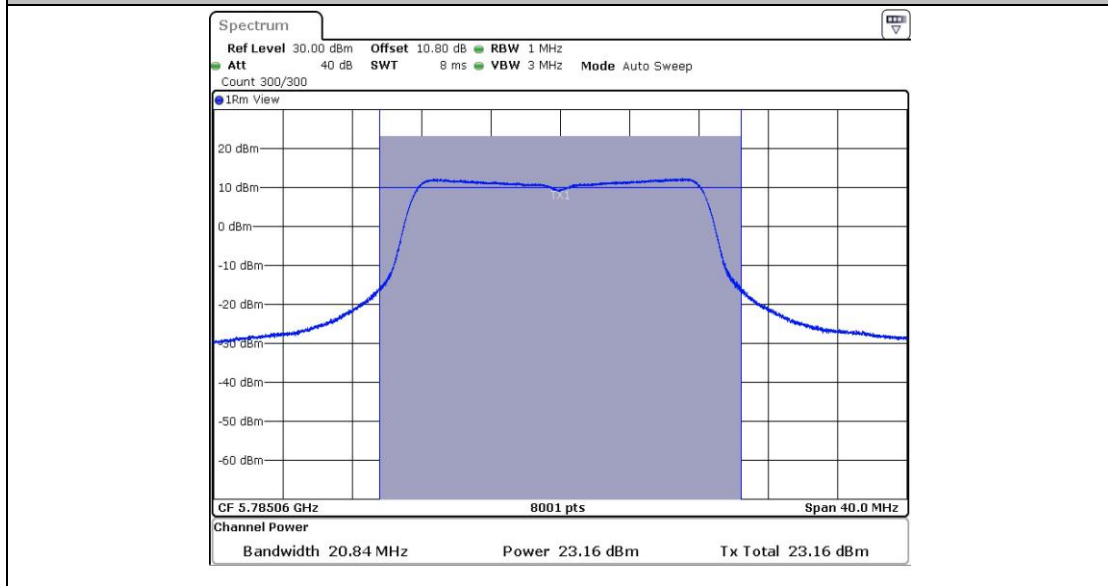
11A_Ant3_5745



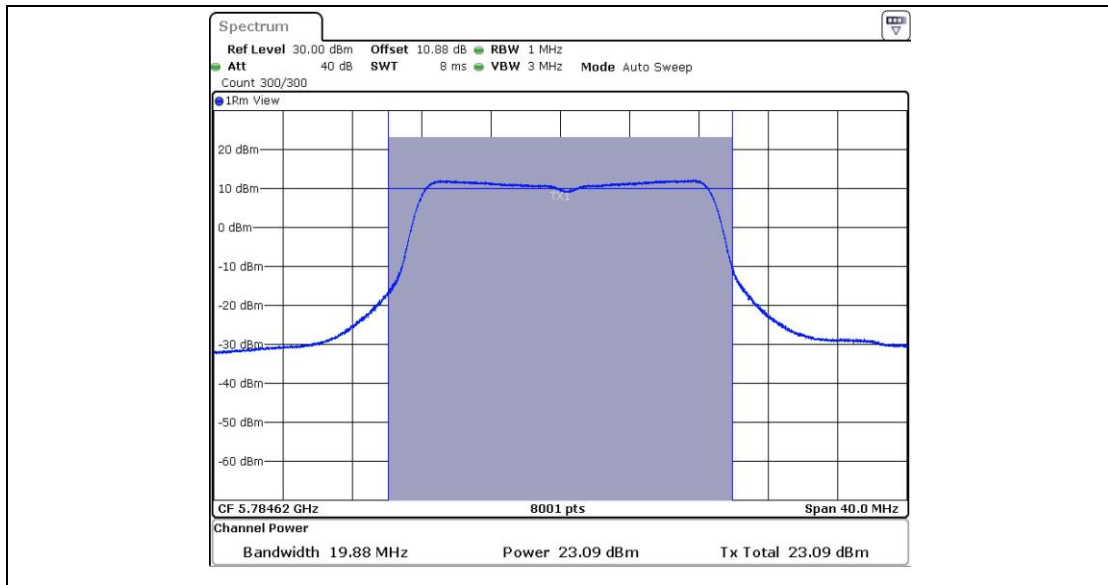
11A_Ant4_5745



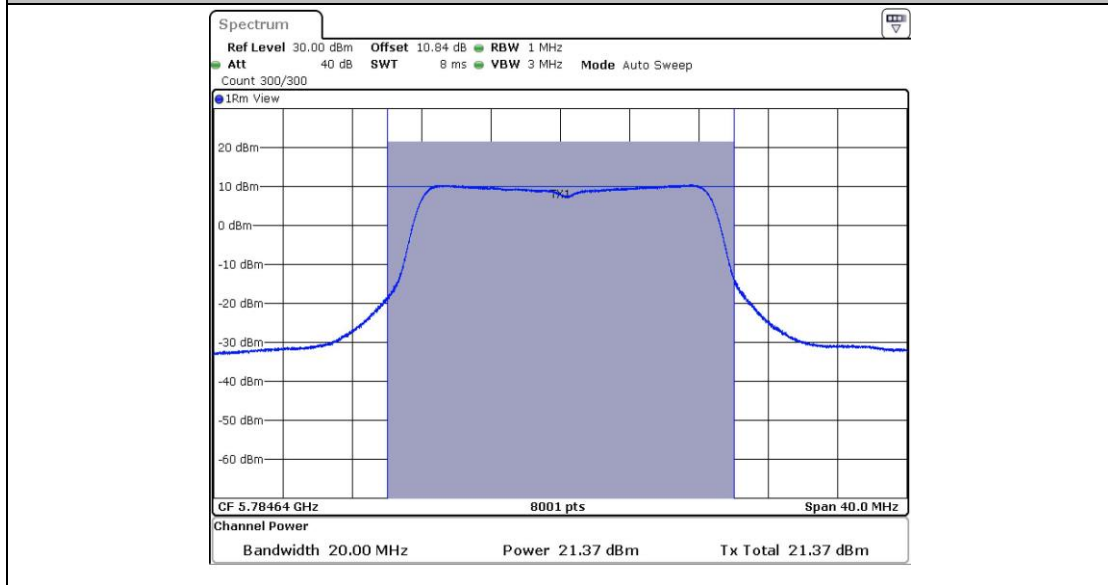
11A_Ant1_5785



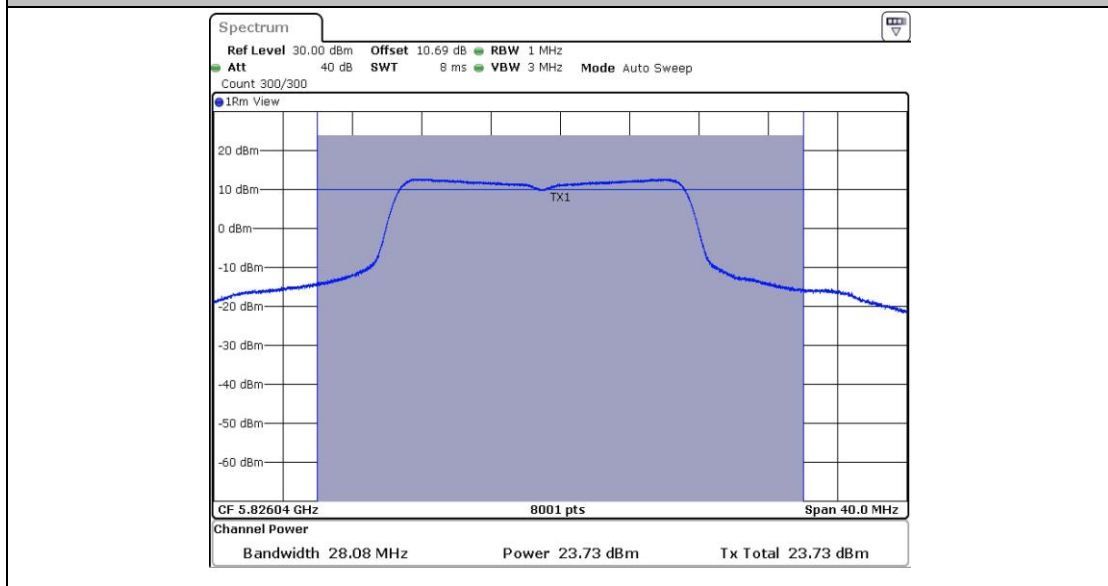
11A_Ant2_5785



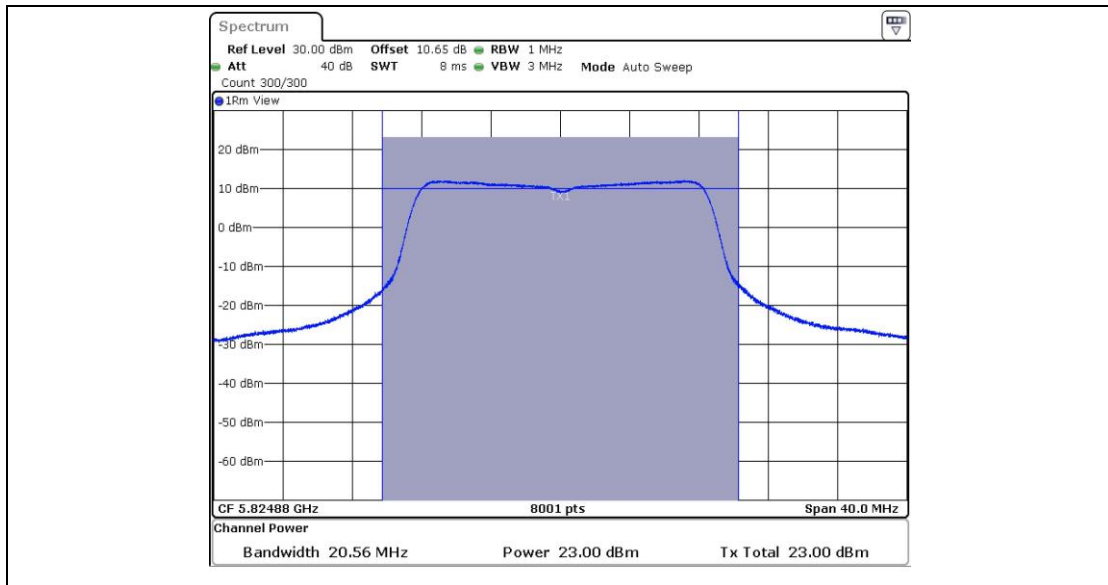
11A_Ant3_5785



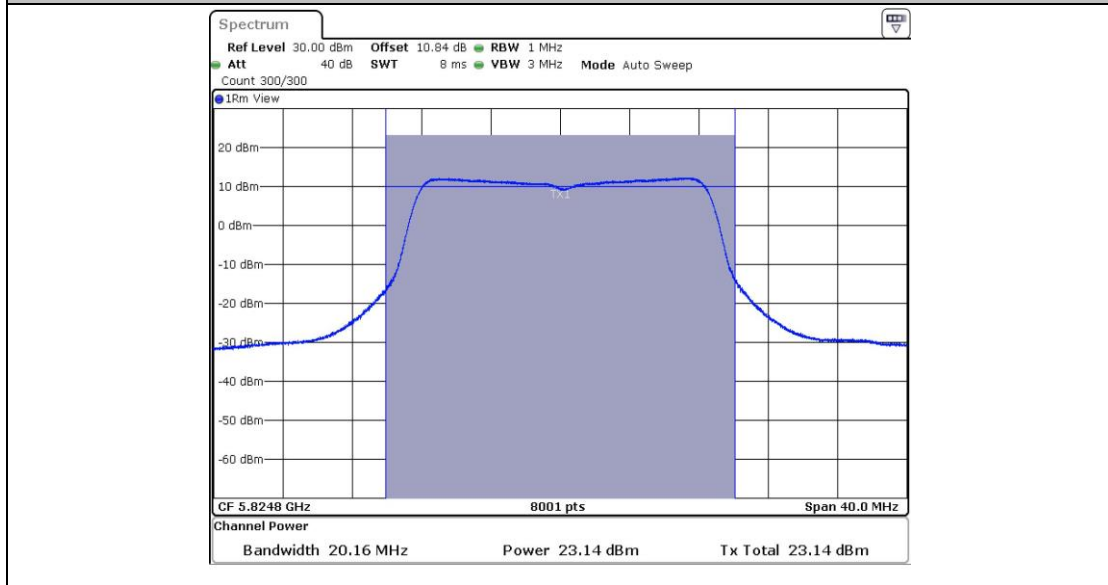
11A_Ant4_5785



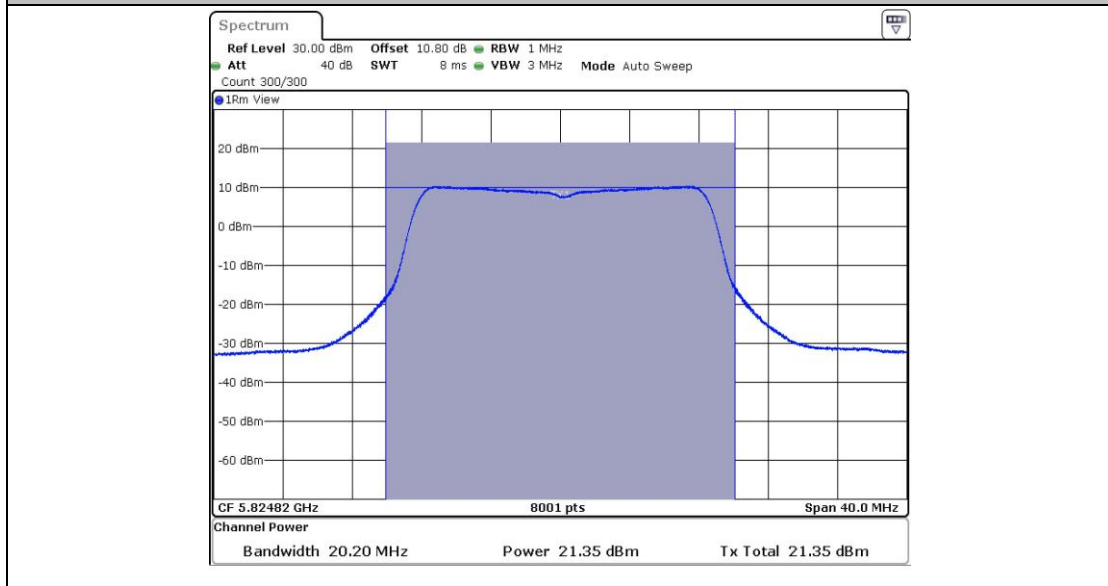
11A_Ant1_5825



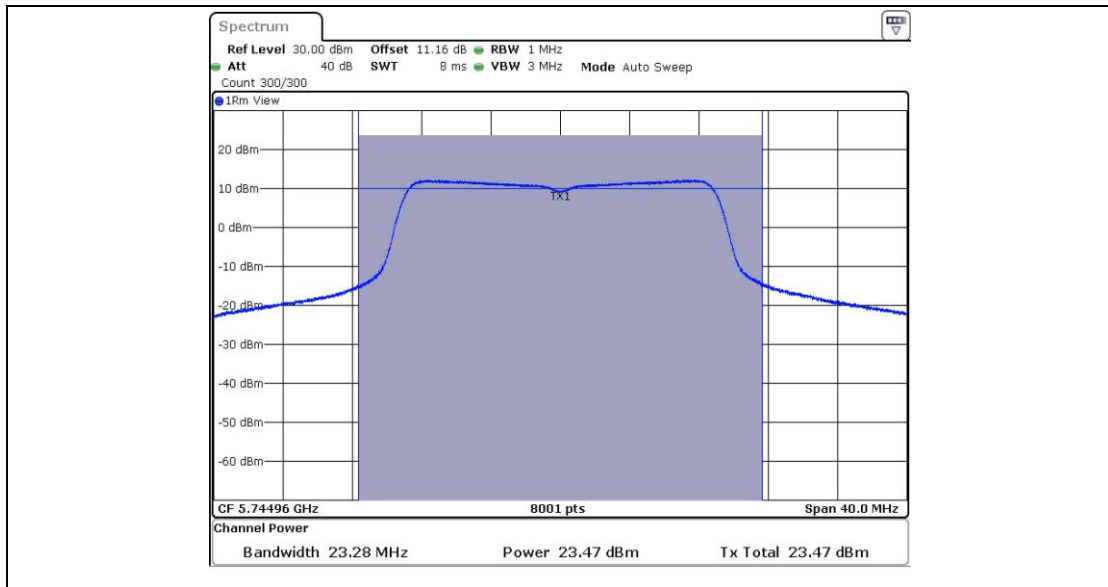
11A_Ant2_5825



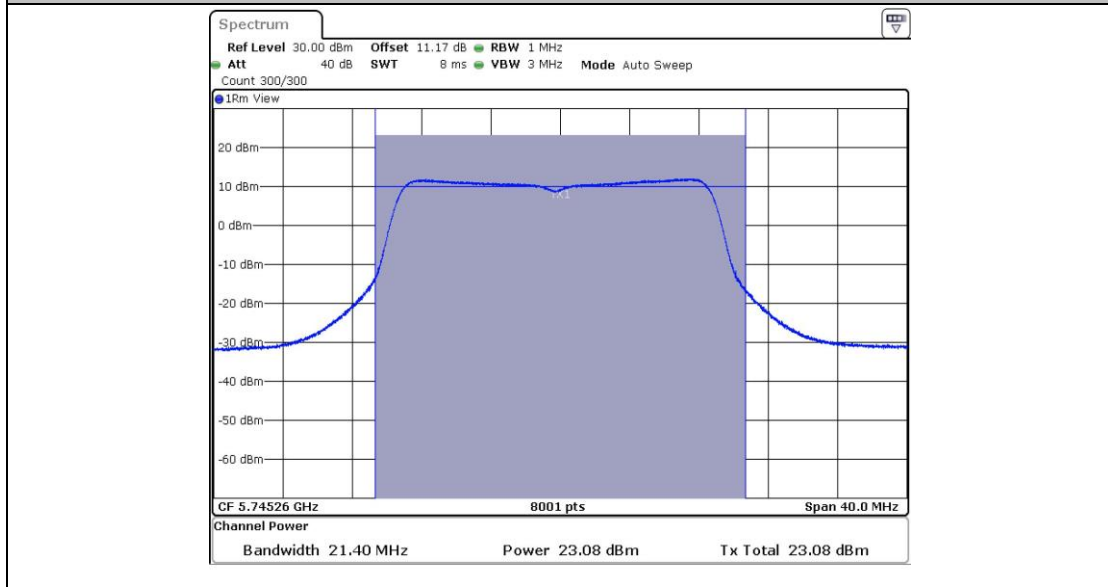
11A_Ant3_5825



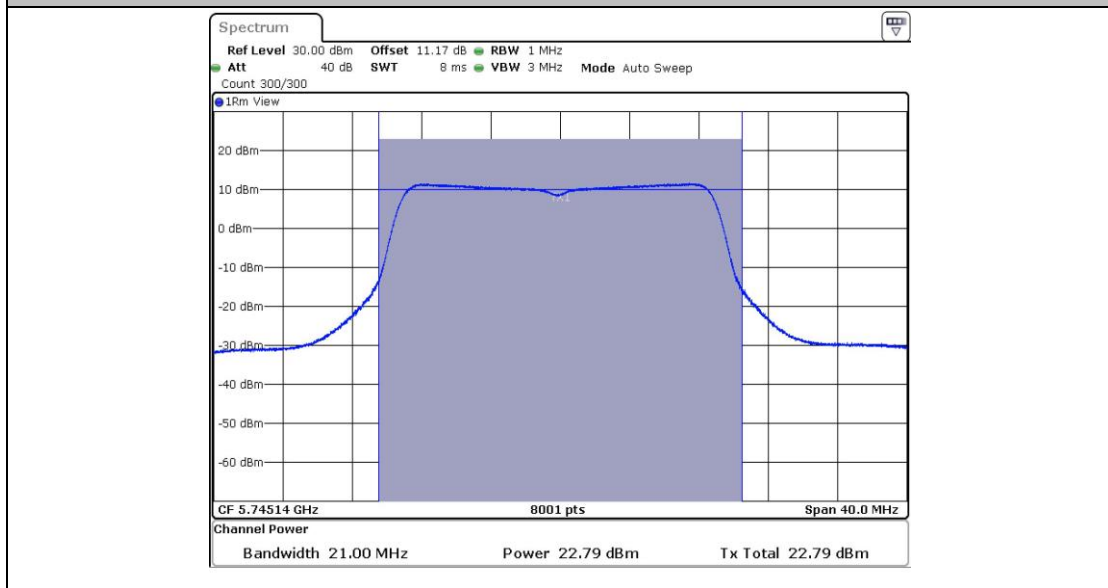
11A_Ant4_5825



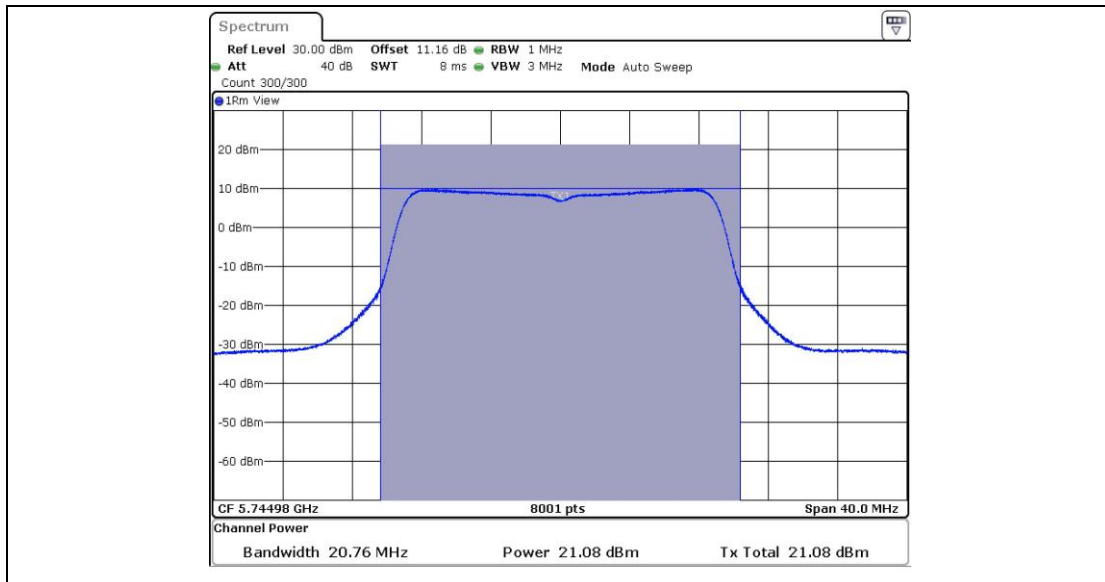
11N20SISO_Ant1_5745



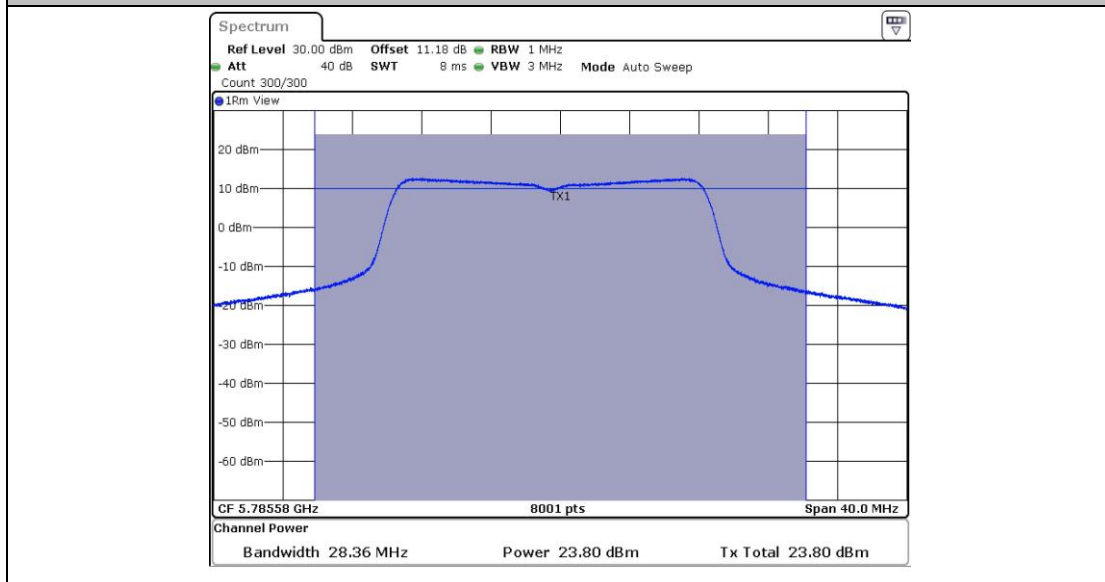
11N20SISO_Ant2_5745



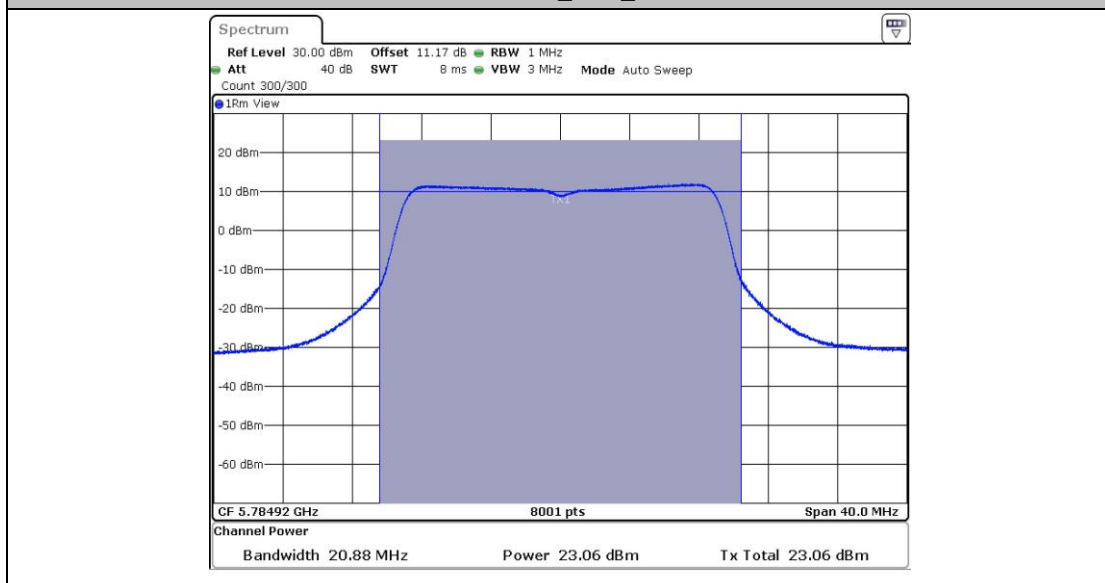
11N20SISO_Ant3_5745



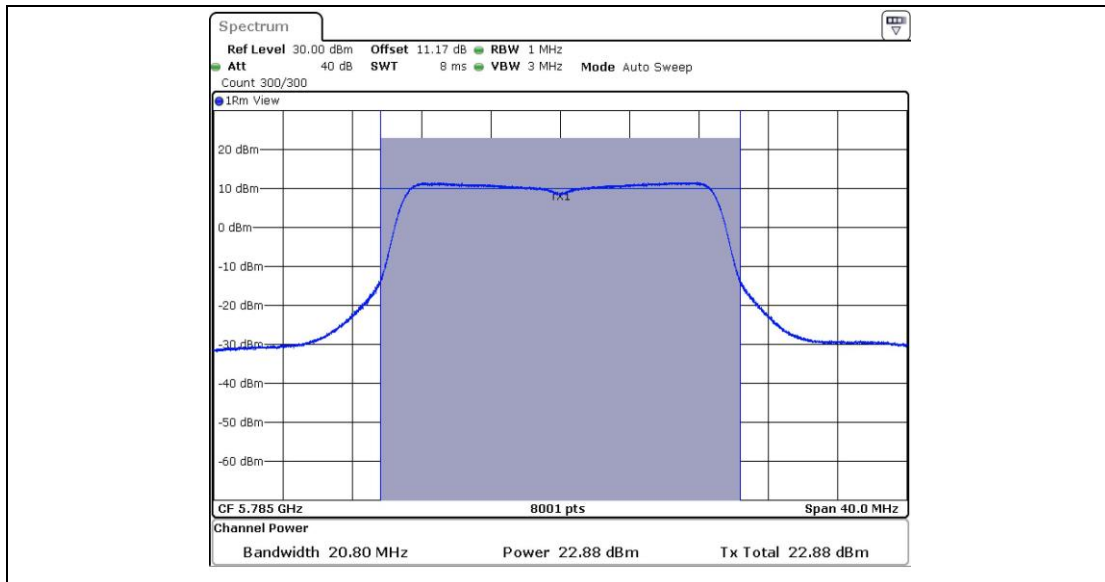
11N20SISO_Ant4_5745



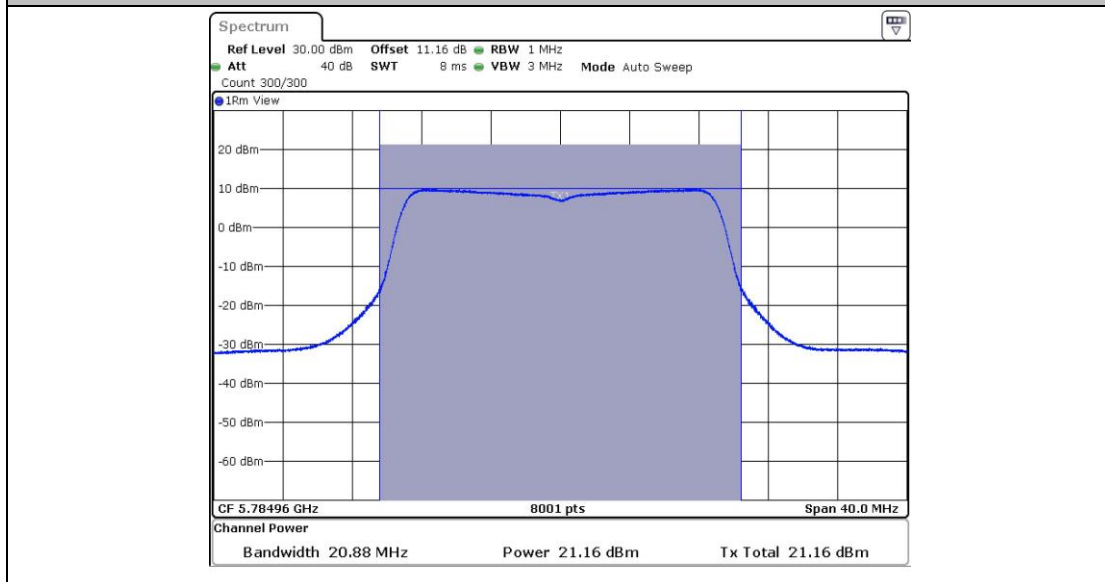
11N20SISO_Ant1_5785



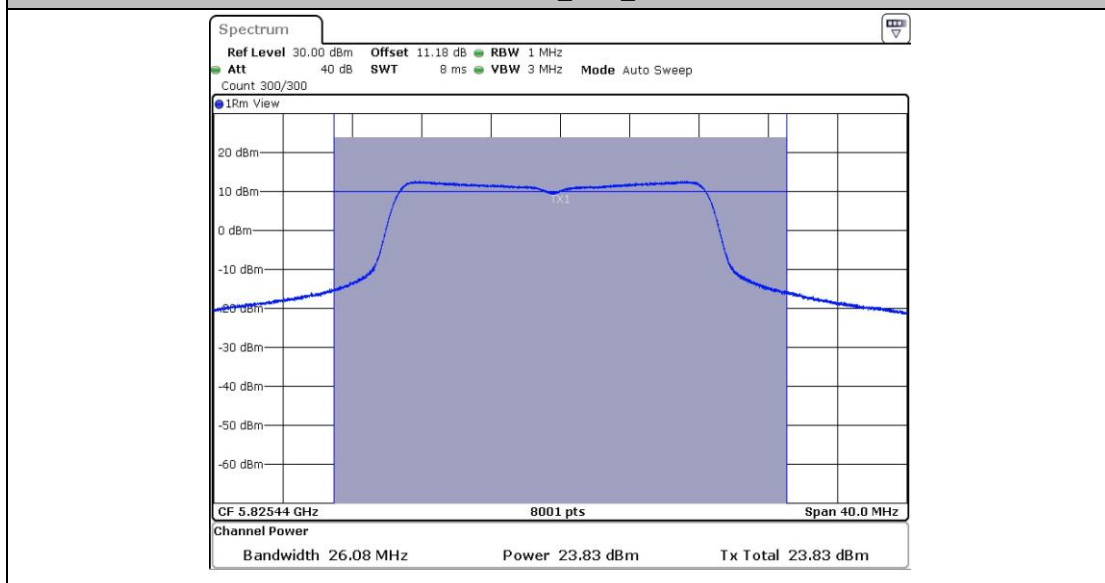
11N20SISO_Ant2_5785



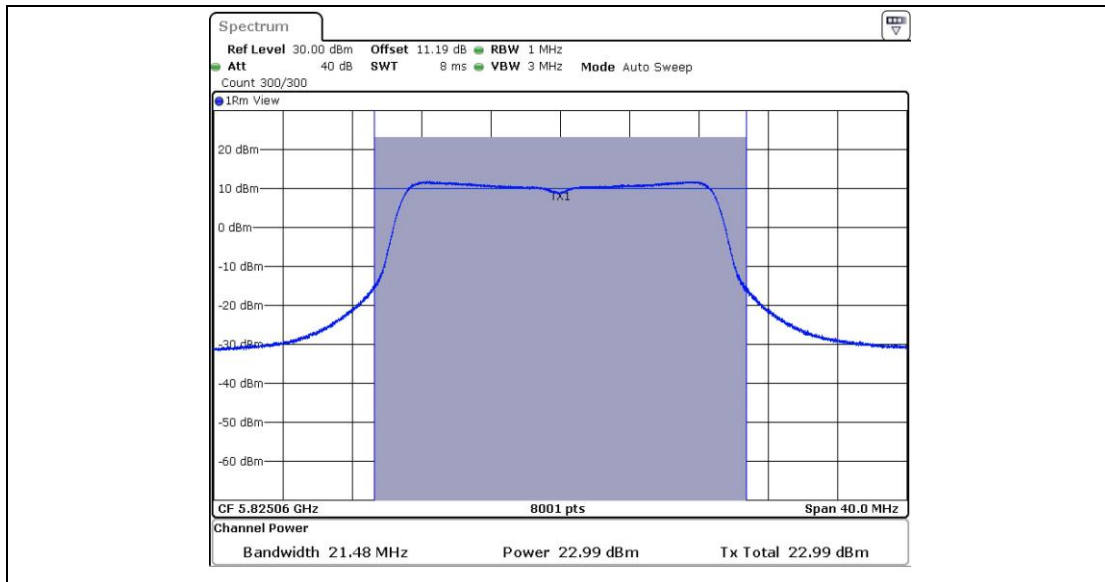
11N20SISO_Ant3_5785



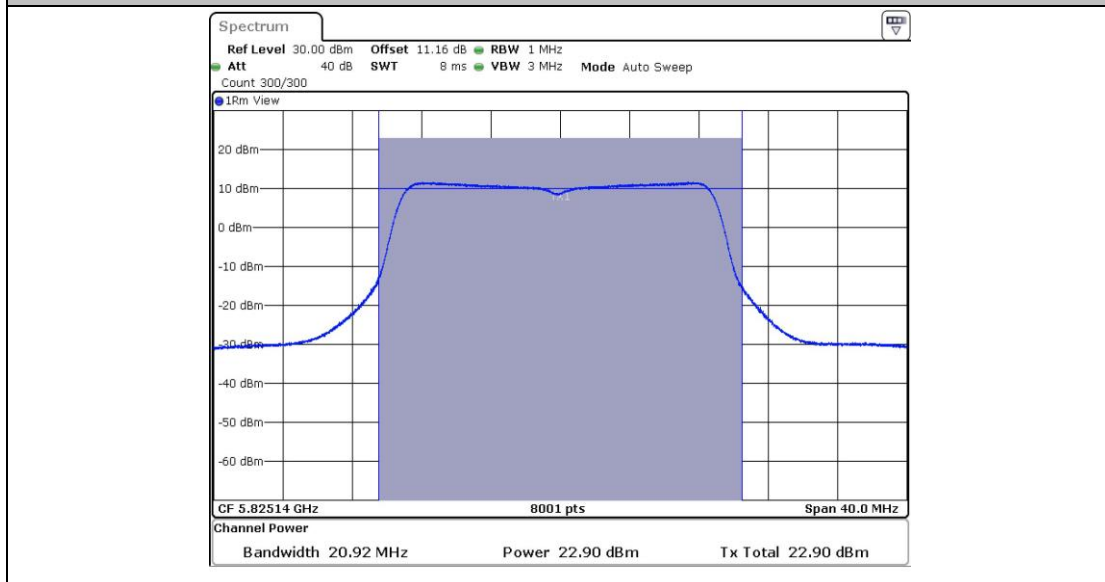
11N20SISO_Ant4_5785



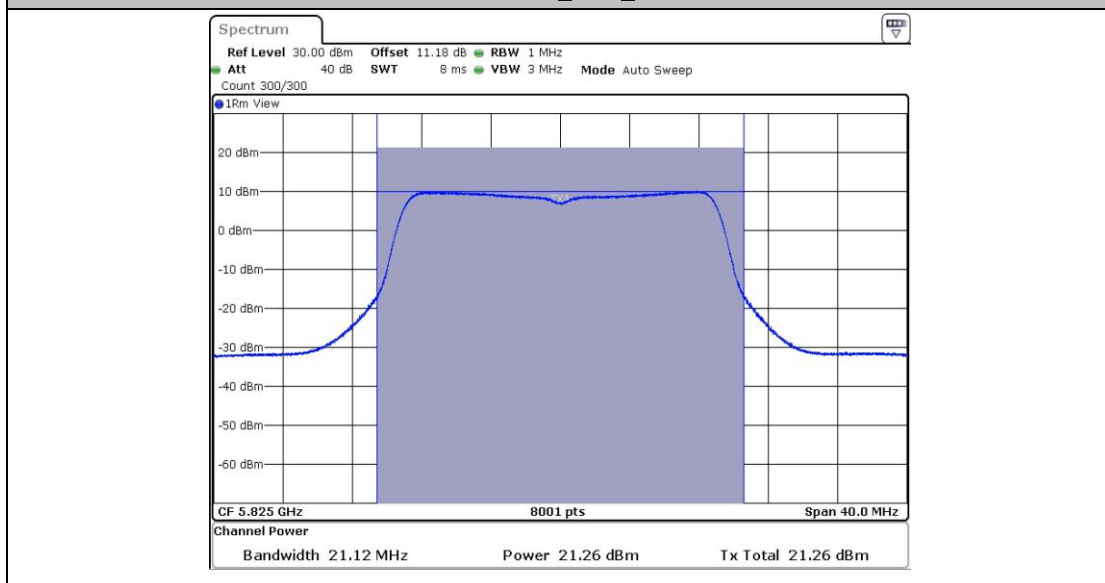
11N20SISO_Ant1_5825



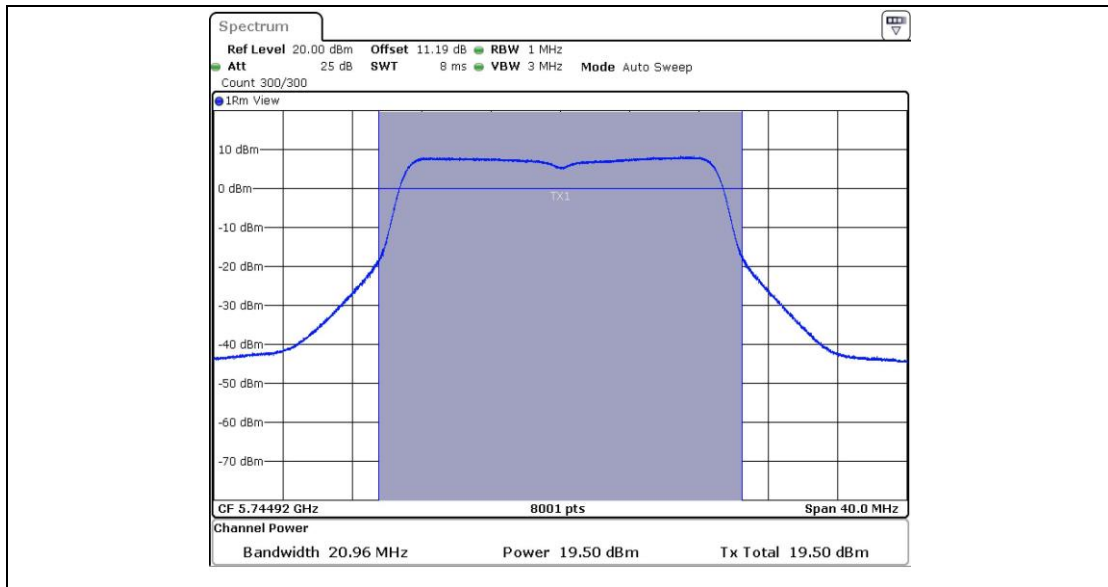
11N20SISO_Ant2_5825



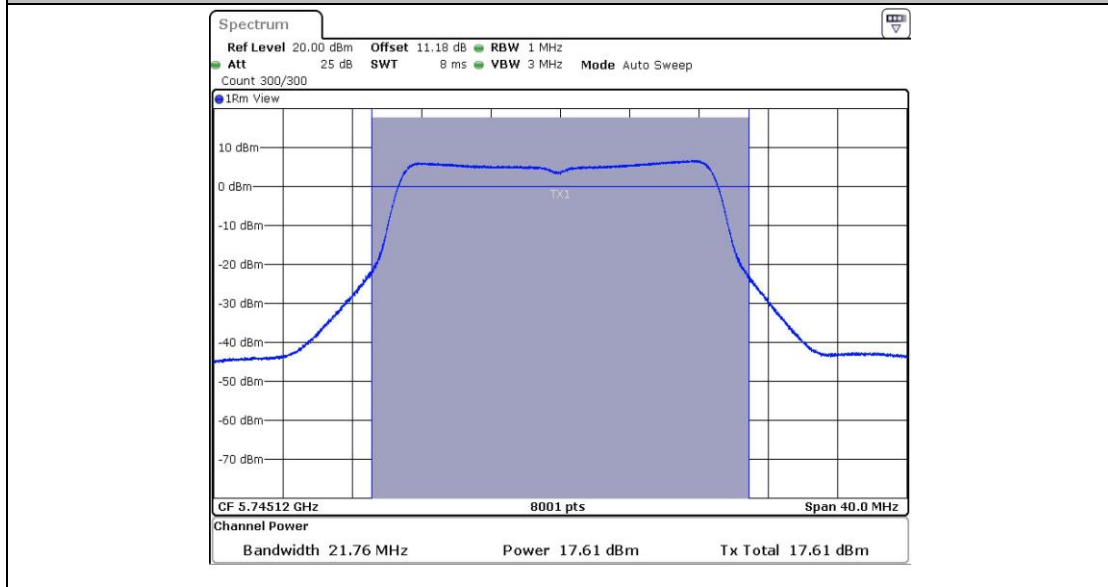
11N20SISO_Ant3_5825



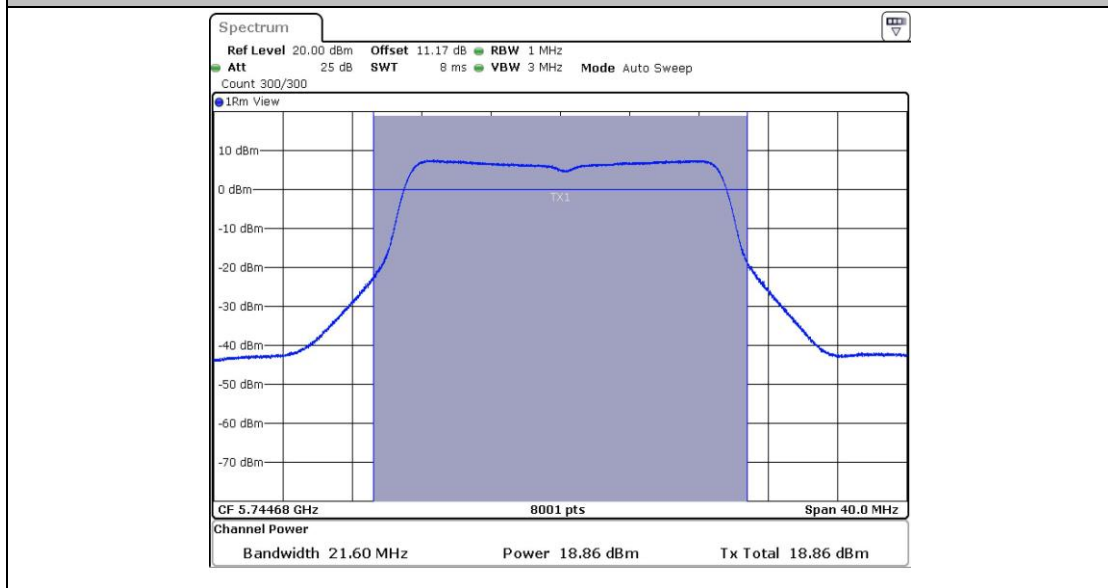
11N20SISO_Ant4_5825



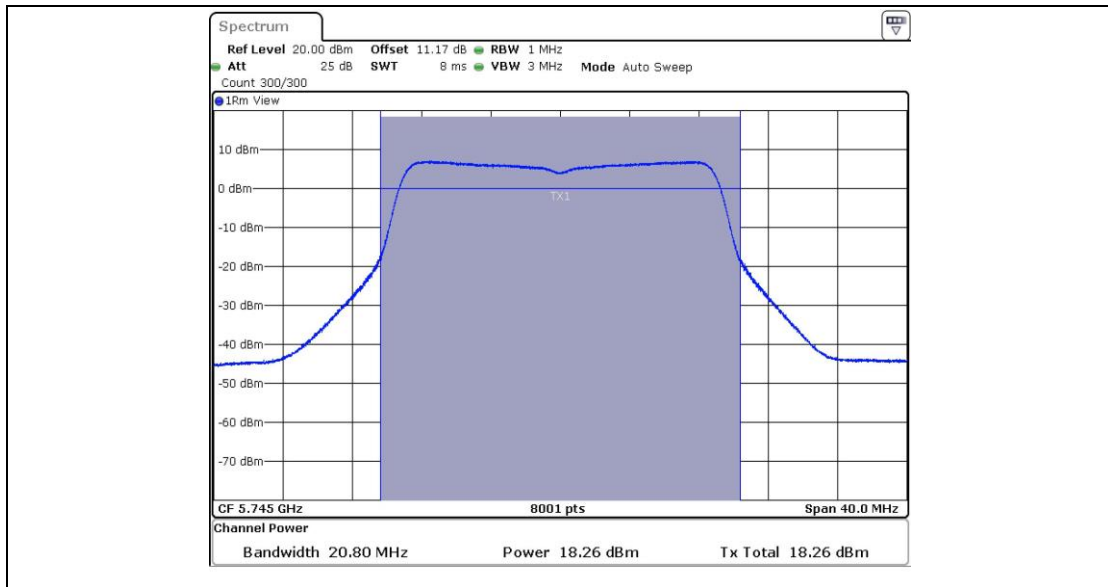
11N20MIMO_Ant1_5745



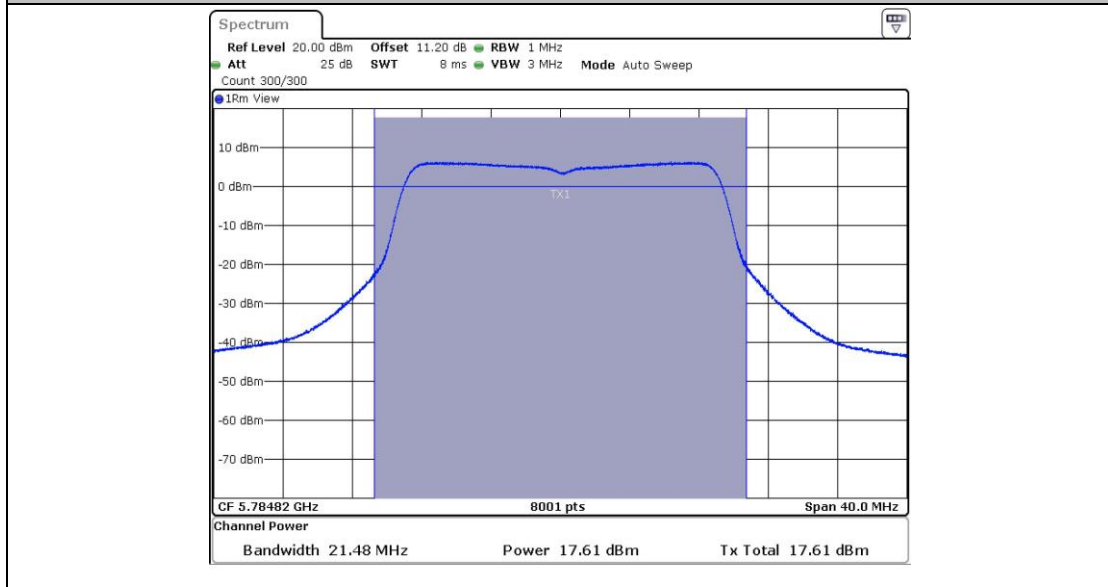
11N20MIMO_Ant2_5745



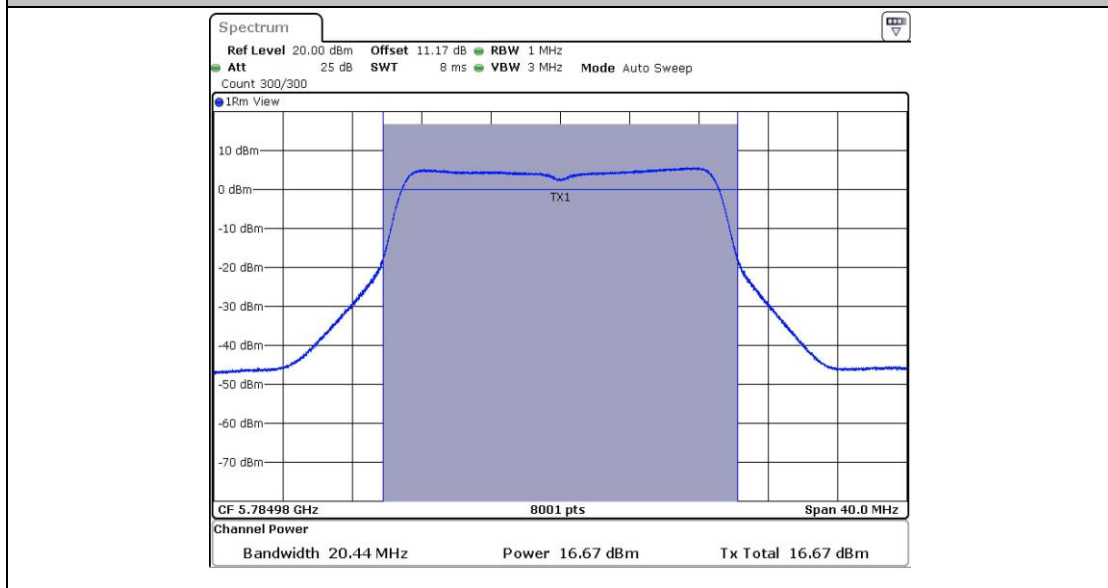
11N20MIMO_Ant3_5745



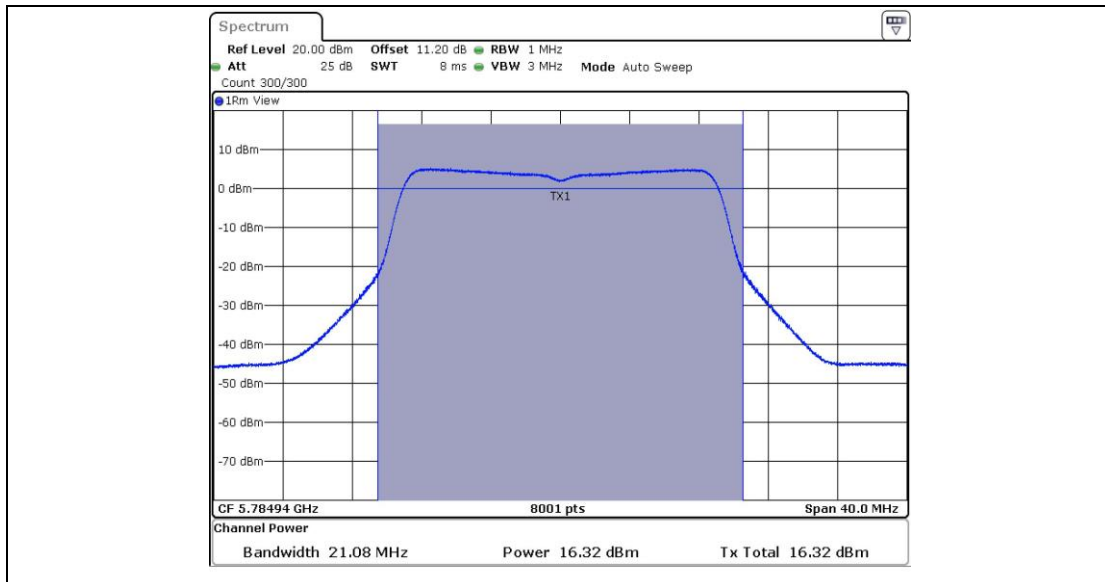
11N20MIMO_Ant4_5745



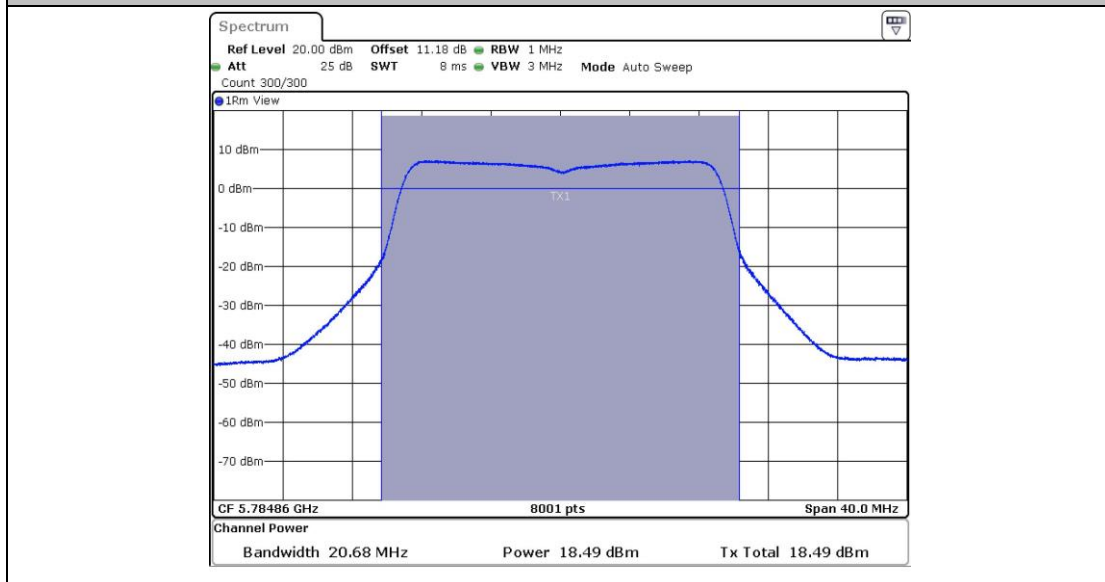
11N20MIMO_Ant1_5785



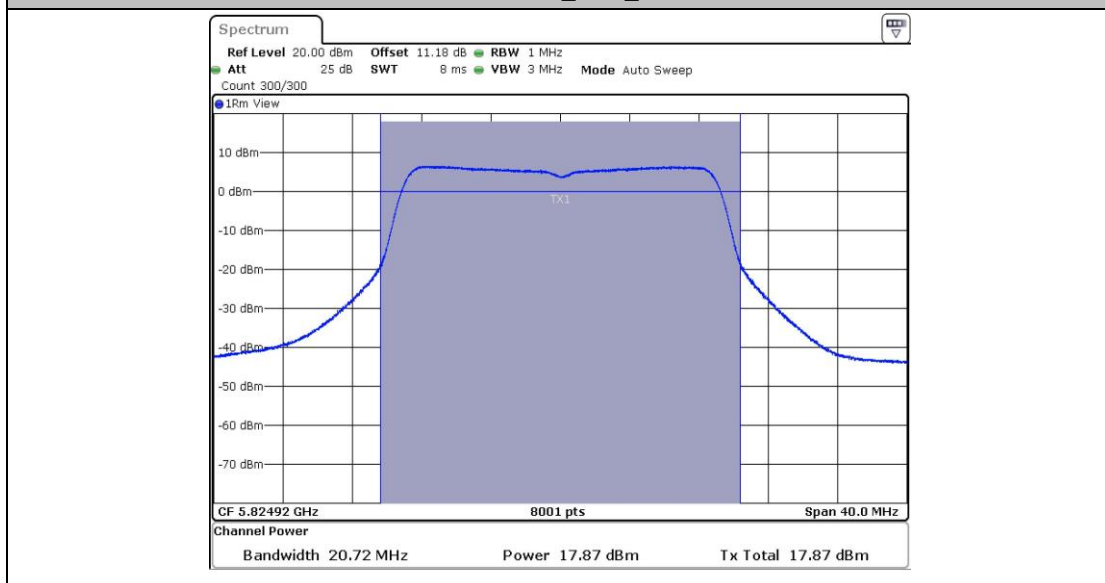
11N20MIMO_Ant2_5785



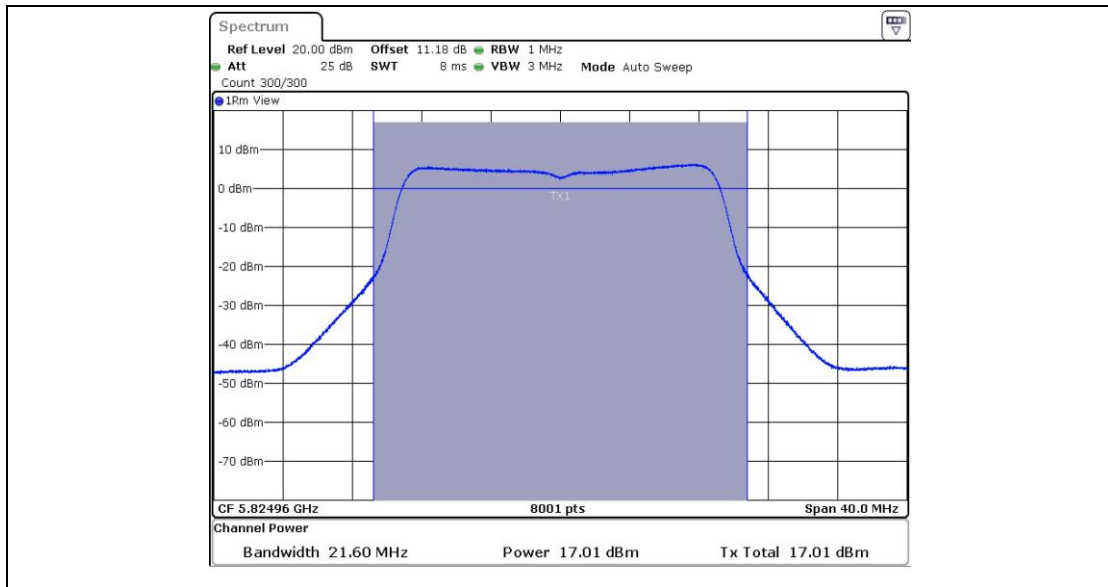
11N20MIMO_Ant3_5785



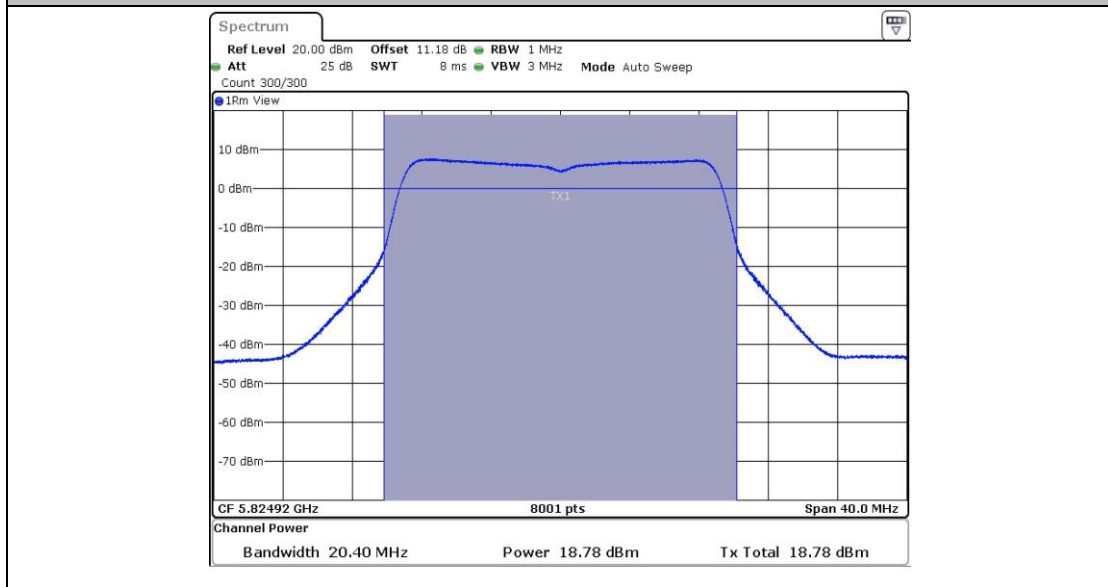
11N20MIMO_Ant4_5785



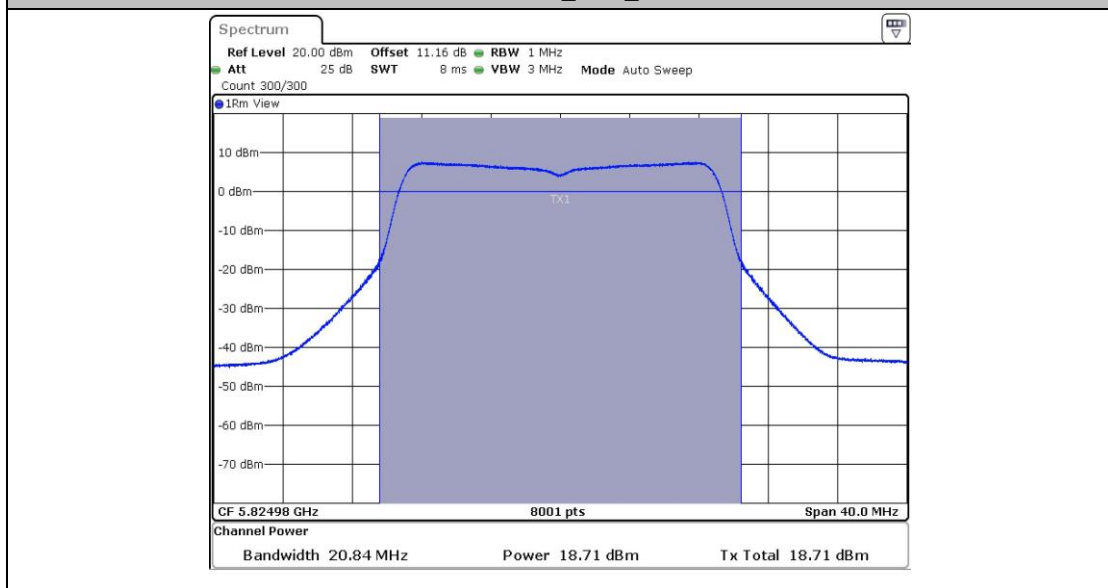
11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



11N20MIMO_Ant3_5825



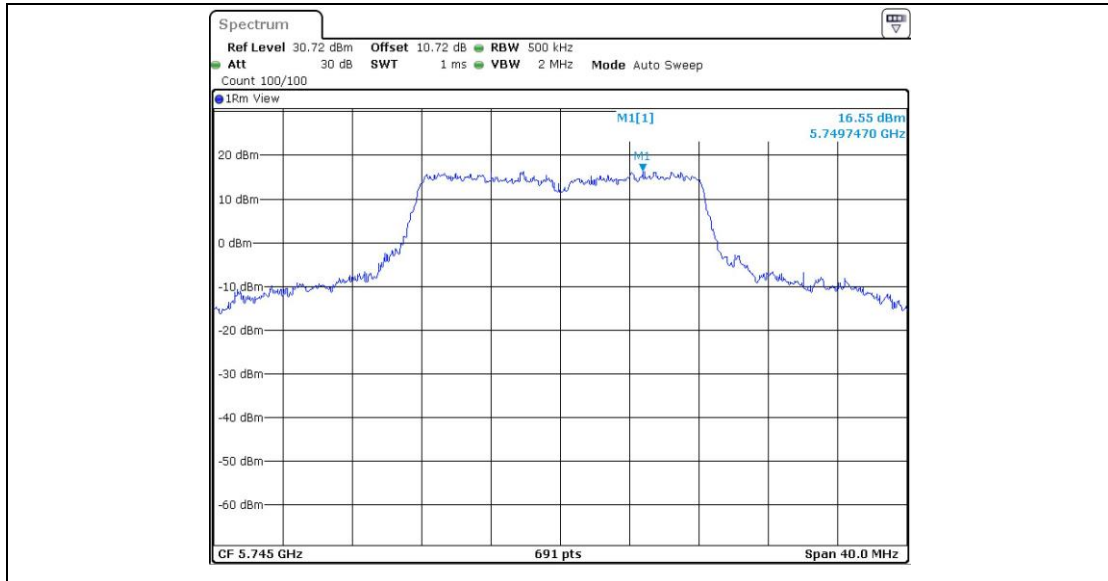
11N20MIMO_Ant4_5825

Appendix E: Maximum power spectral density

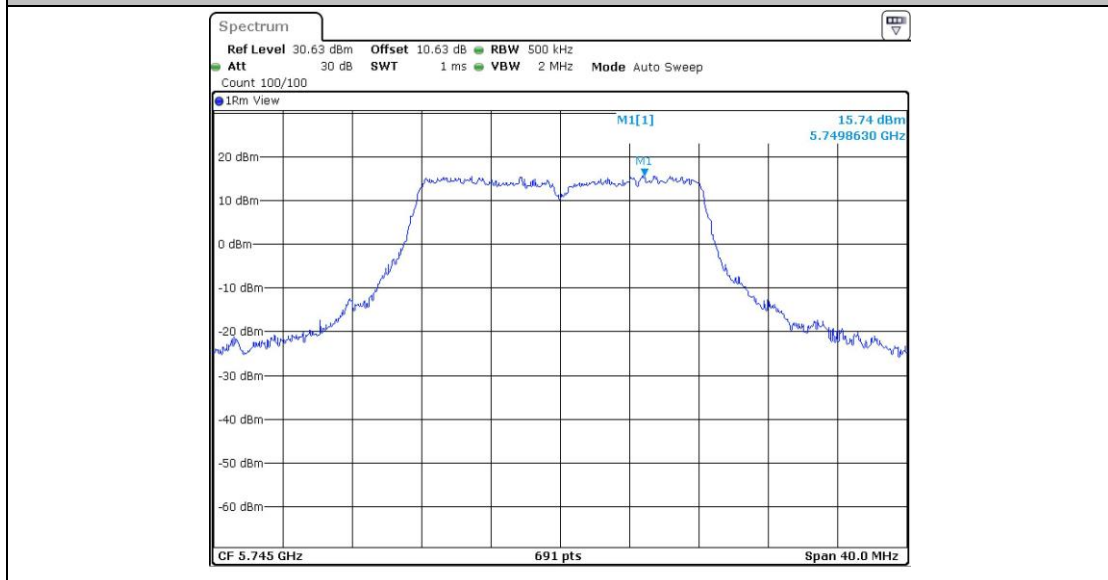
Test Result

TestMode	Antenna	Channel	Result	Limit	Verdict
11A	Ant1	5745	16.55	<=30	PASS
	Ant2	5745	15.74	<=30	PASS
	Ant3	5745	15.5	<=30	PASS
	Ant4	5745	13.79	<=30	PASS
	Ant1	5785	17.06	<=30	PASS
	Ant2	5785	15.91	<=30	PASS
	Ant3	5785	16.24	<=30	PASS
	Ant4	5785	14.33	<=30	PASS
	Ant1	5825	16.56	<=30	PASS
	Ant2	5825	16.84	<=30	PASS
	Ant3	5825	16.16	<=30	PASS
	Ant4	5825	14.11	<=30	PASS
11N20SISO	Ant1	5745	16.57	<=30	PASS
	Ant2	5745	16.14	<=30	PASS
	Ant3	5745	16.26	<=30	PASS
	Ant4	5745	14.42	<=30	PASS
	Ant1	5785	16.76	<=30	PASS
	Ant2	5785	16.41	<=30	PASS
	Ant3	5785	16.07	<=30	PASS
	Ant4	5785	14.23	<=30	PASS
	Ant1	5825	17.59	<=30	PASS
	Ant2	5825	15.98	<=30	PASS
	Ant3	5825	15.91	<=30	PASS
	Ant4	5825	14.27	<=30	PASS
11N20MIMO	Ant1	5745	12.63	<=30	PASS
	Ant2	5745	11.55	<=30	PASS
	Ant3	5745	12.11	<=30	PASS
	Ant4	5745	12.46	<=30	PASS
	total	5745	18.23	<=25.6	PASS
	Ant1	5785	10.38	<=30	PASS
	Ant2	5785	10.71	<=30	PASS
	Ant3	5785	9.3	<=30	PASS
	Ant4	5785	12.64	<=30	PASS
	total	5785	16.95	<=25.6	PASS
	Ant1	5825	11.36	<=30	PASS
	Ant2	5825	11.18	<=30	PASS
	Ant3	5825	12.45	<=30	PASS
	Ant4	5825	12.74	<=30	PASS
	total	5825	18.01	<=25.6	PASS

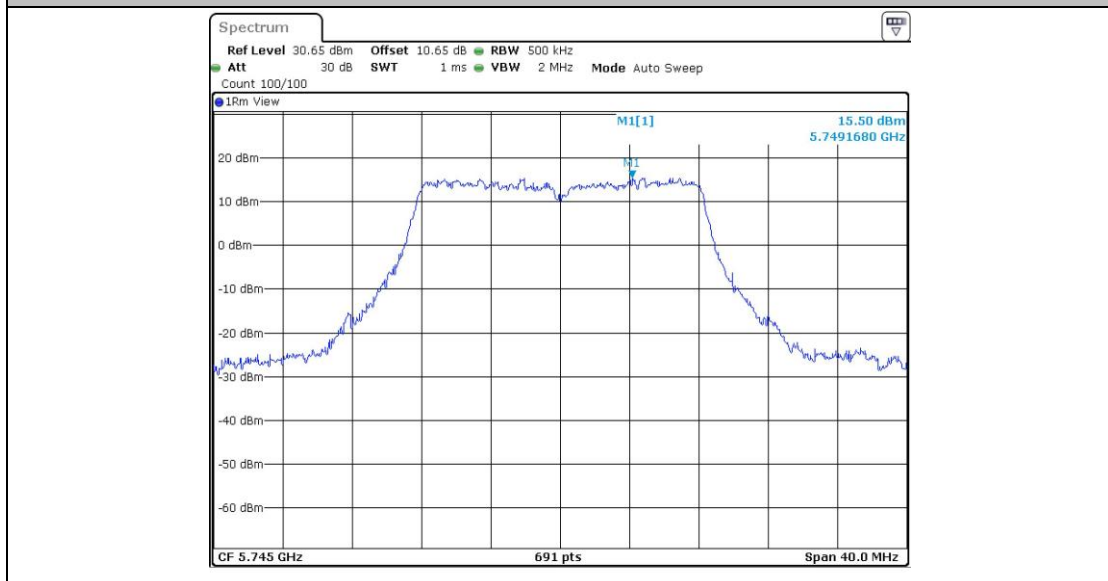
Test Graphs



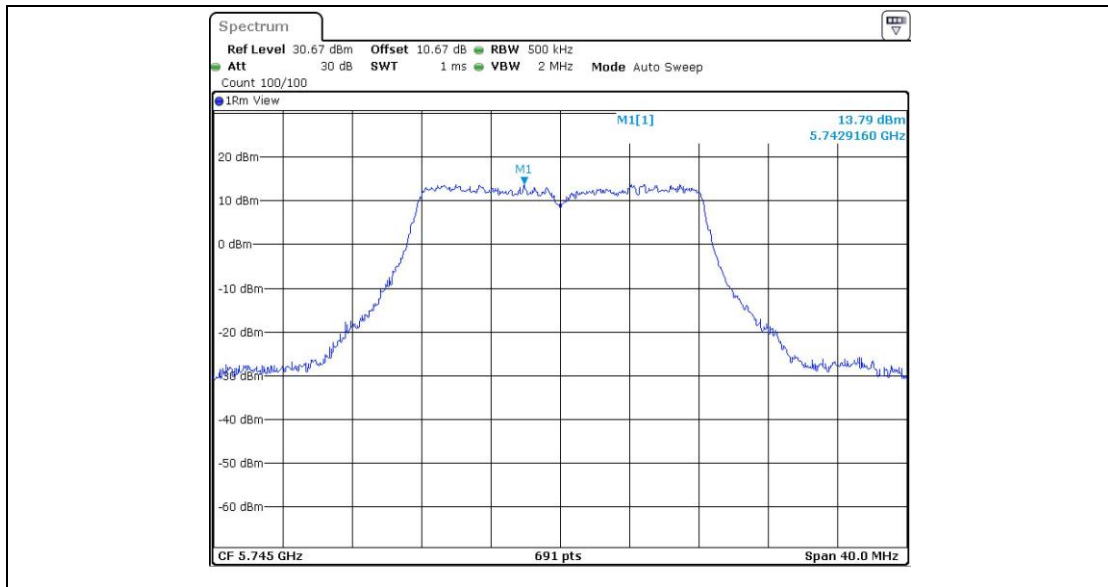
11A_Ant1_5745



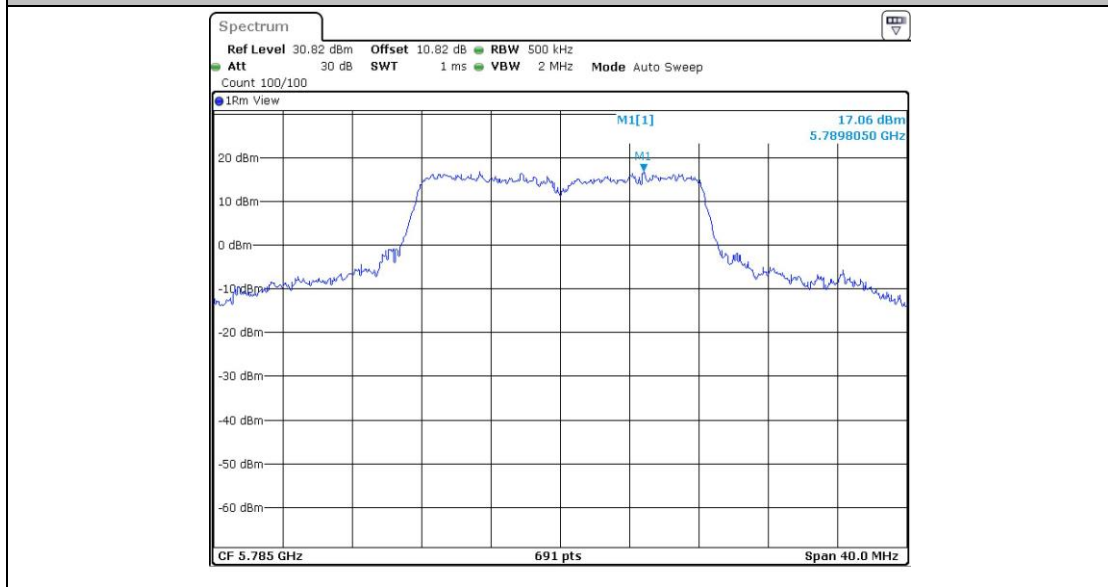
11A_Ant2_5745



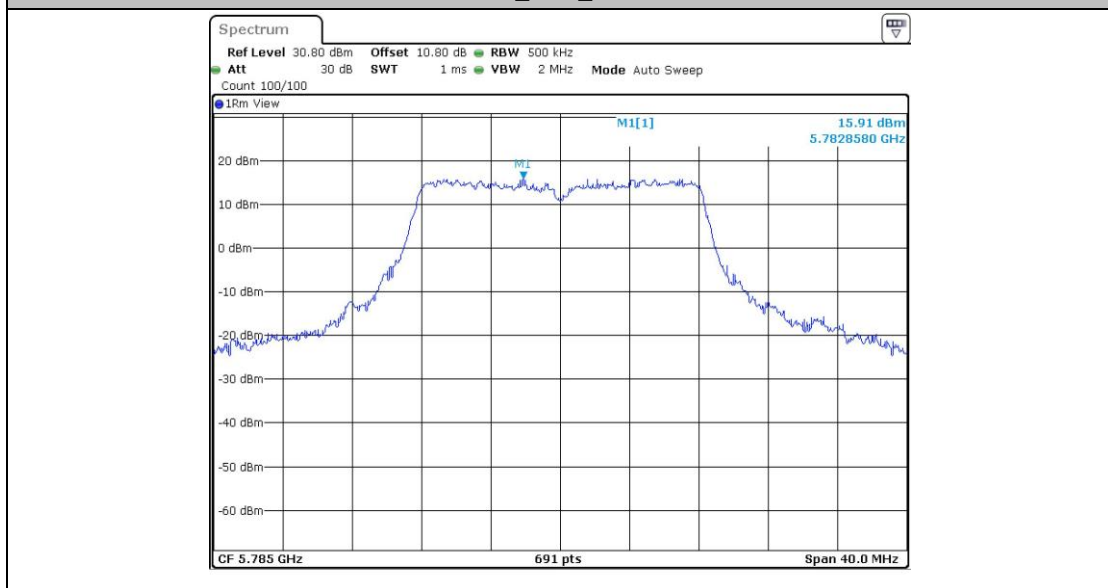
11A_Ant3_5745



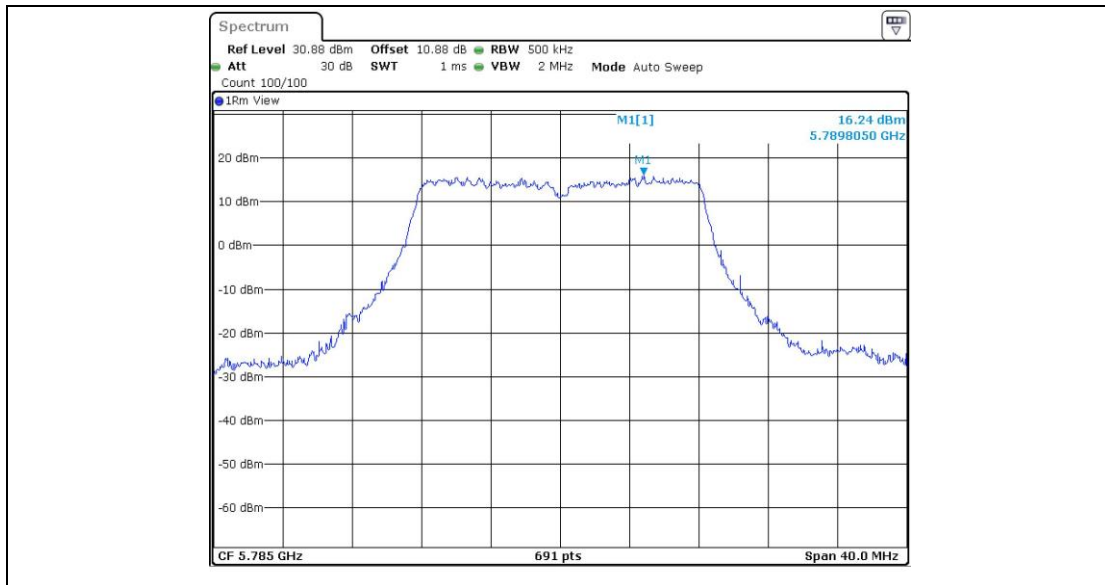
11A_Ant4_5745



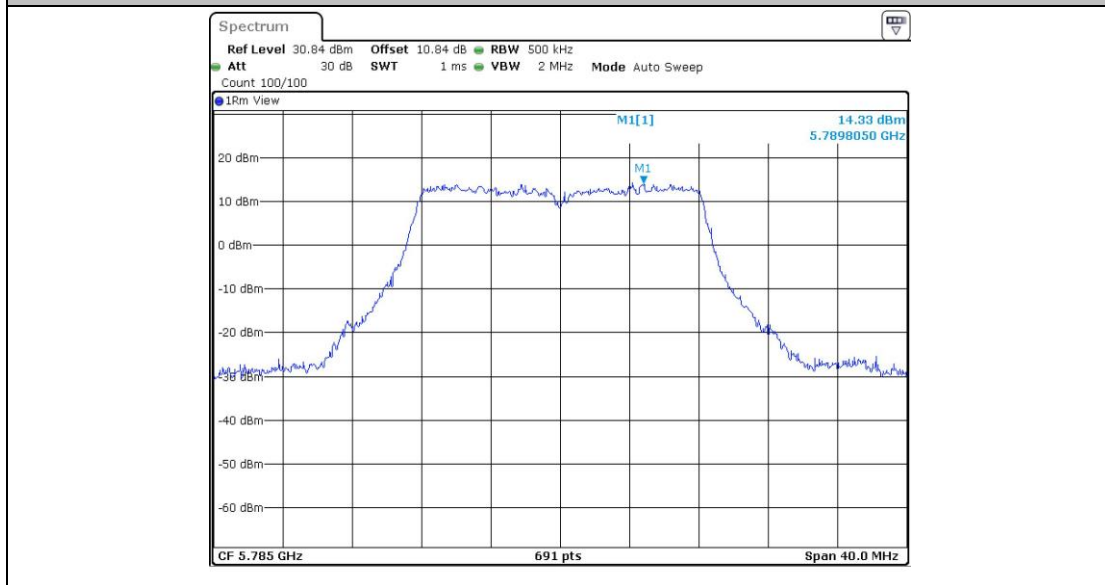
11A_Ant1_5785



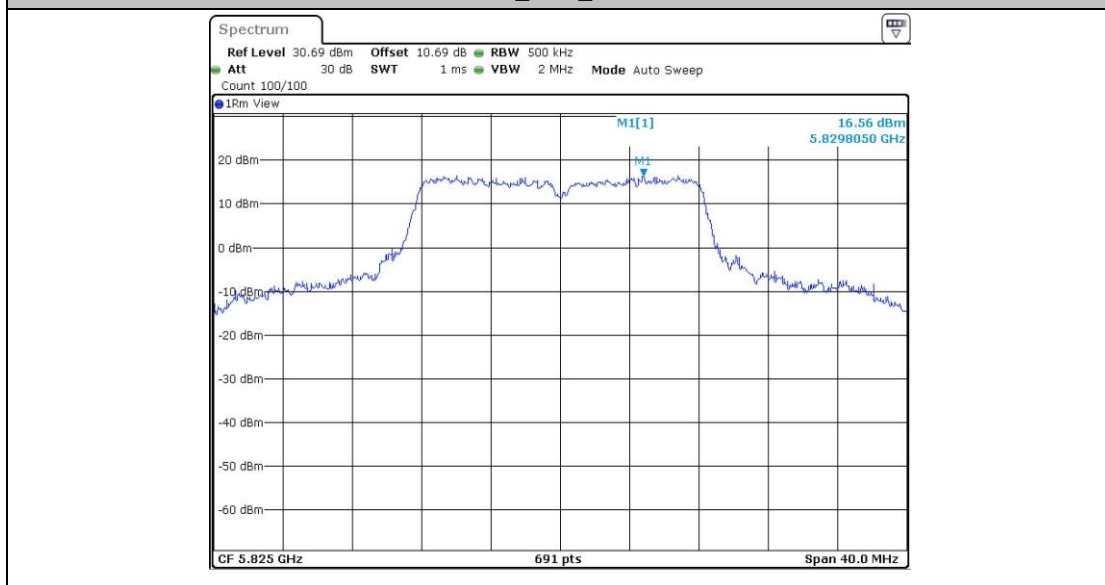
11A_Ant2_5785



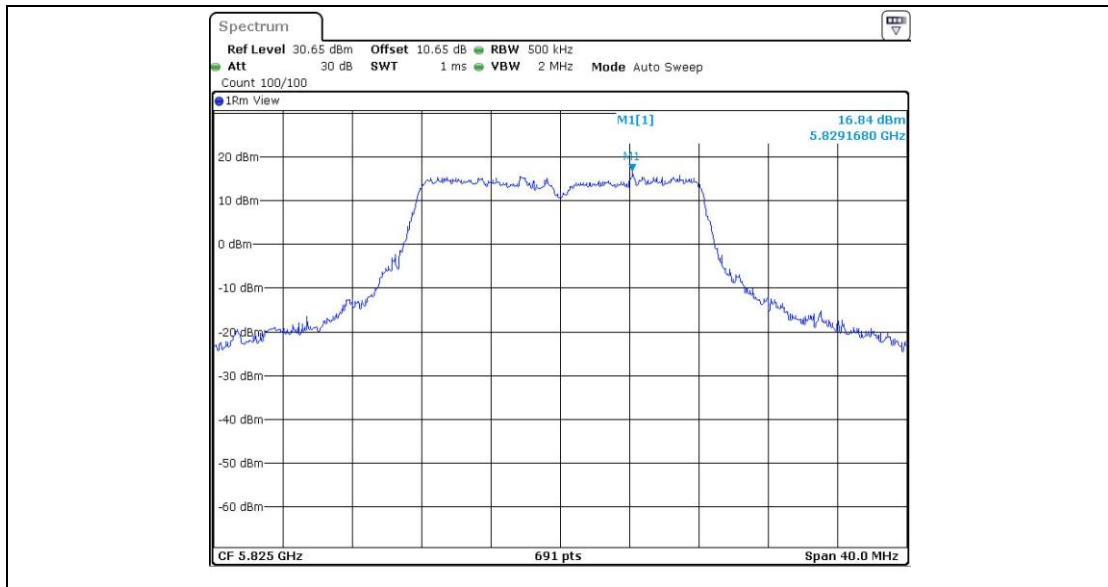
11A_Ant3_5785



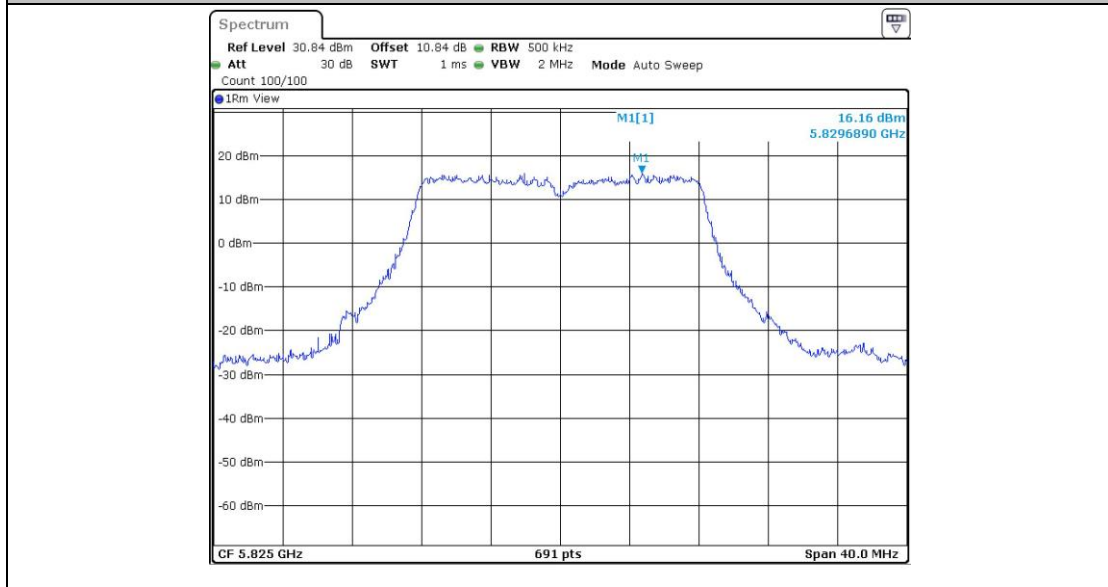
11A_Ant4_5785



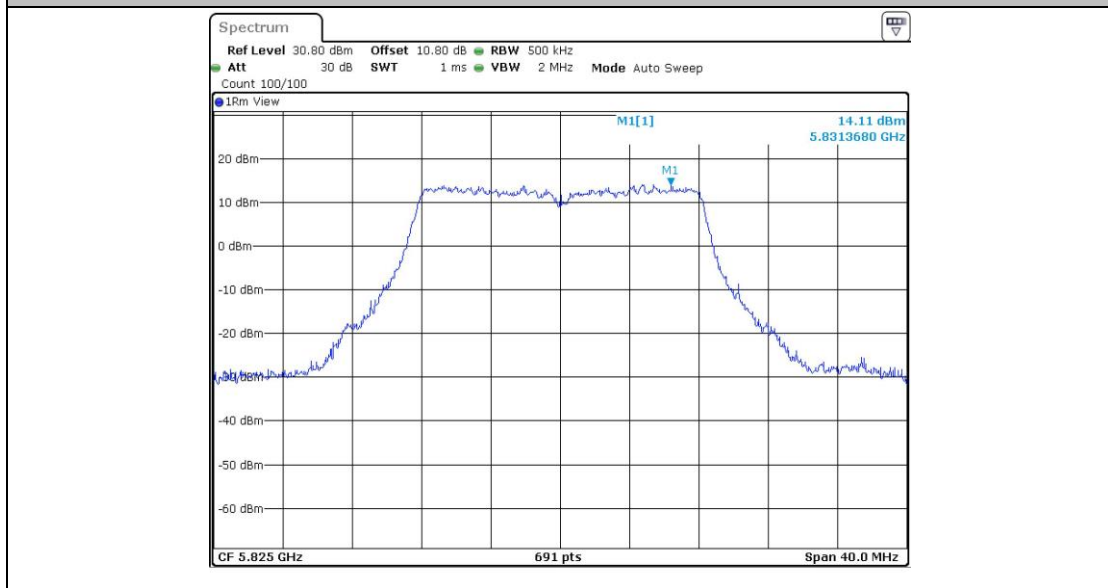
11A_Ant1_5825



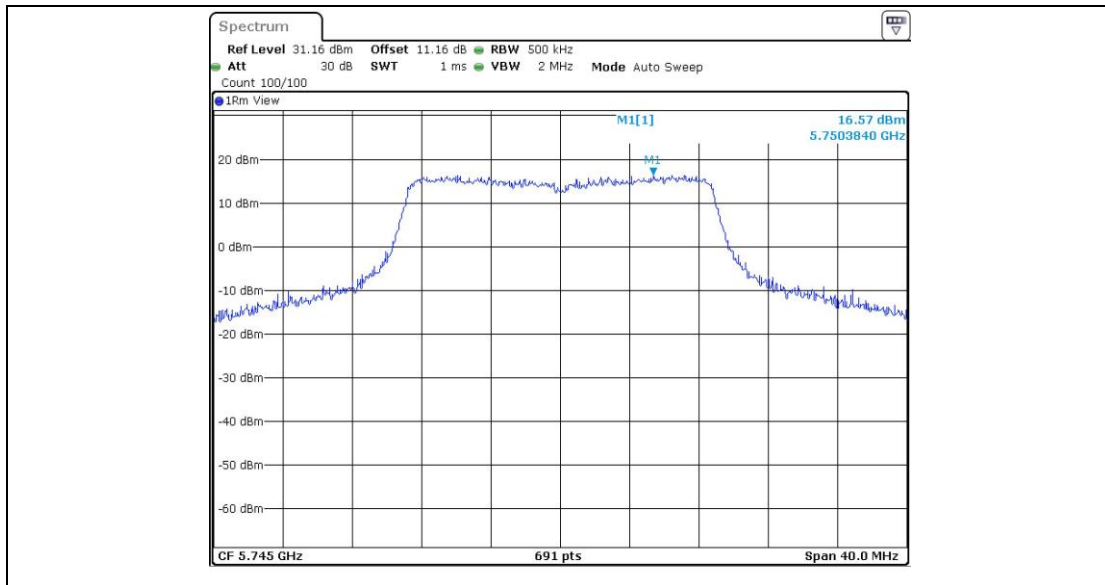
11A_Ant2_5825



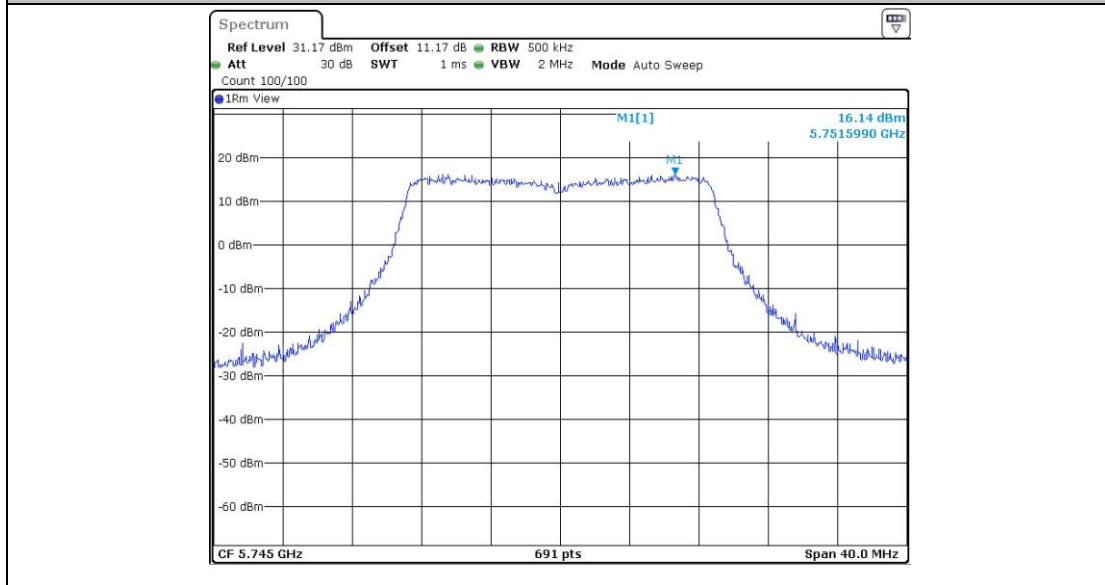
11A_Ant3_5825



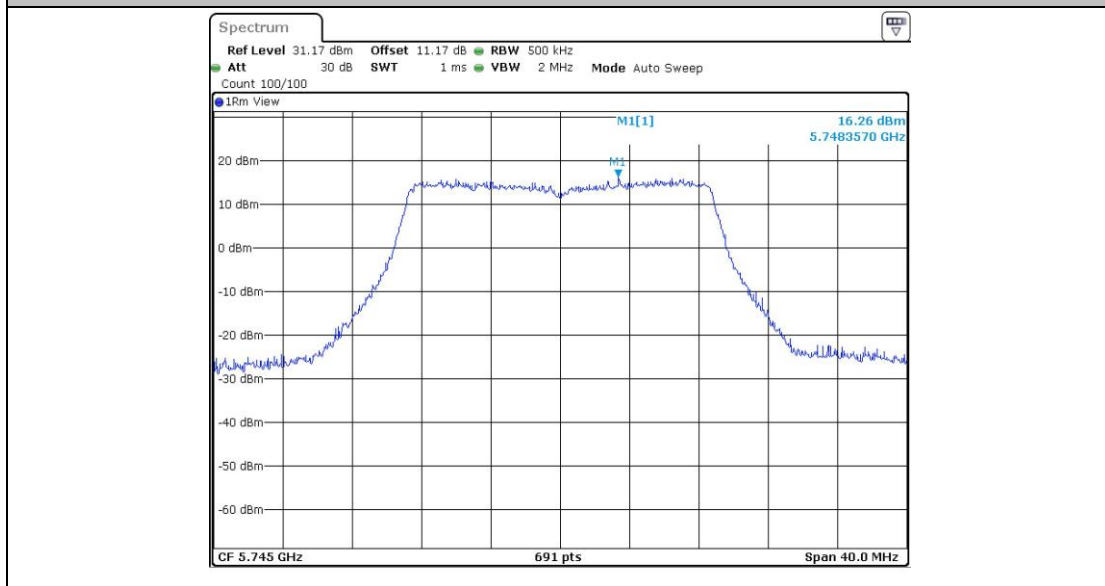
11A_Ant4_5825



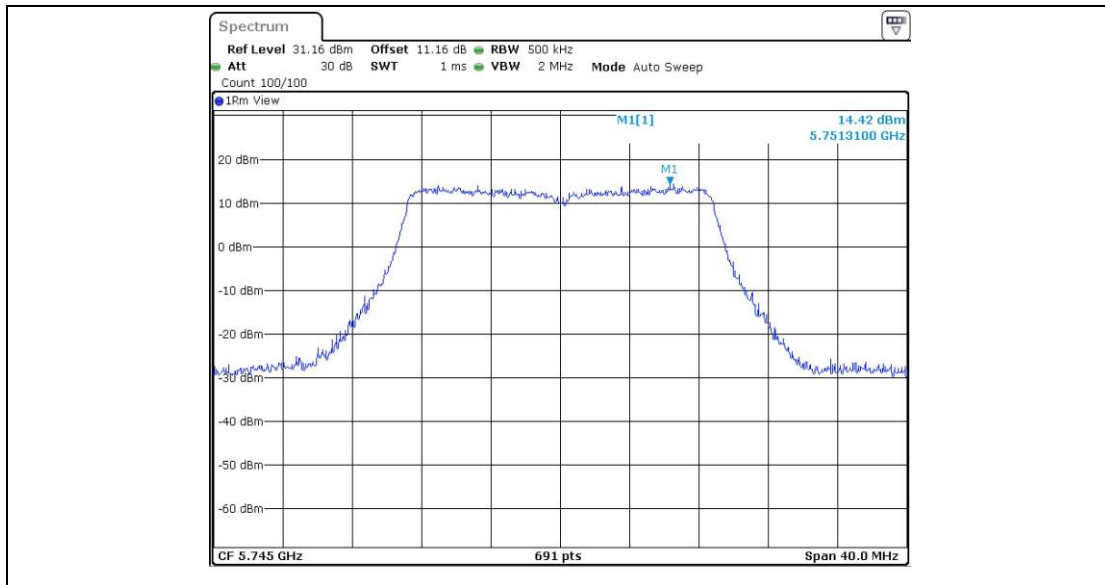
11N20SISO_Ant1_5745



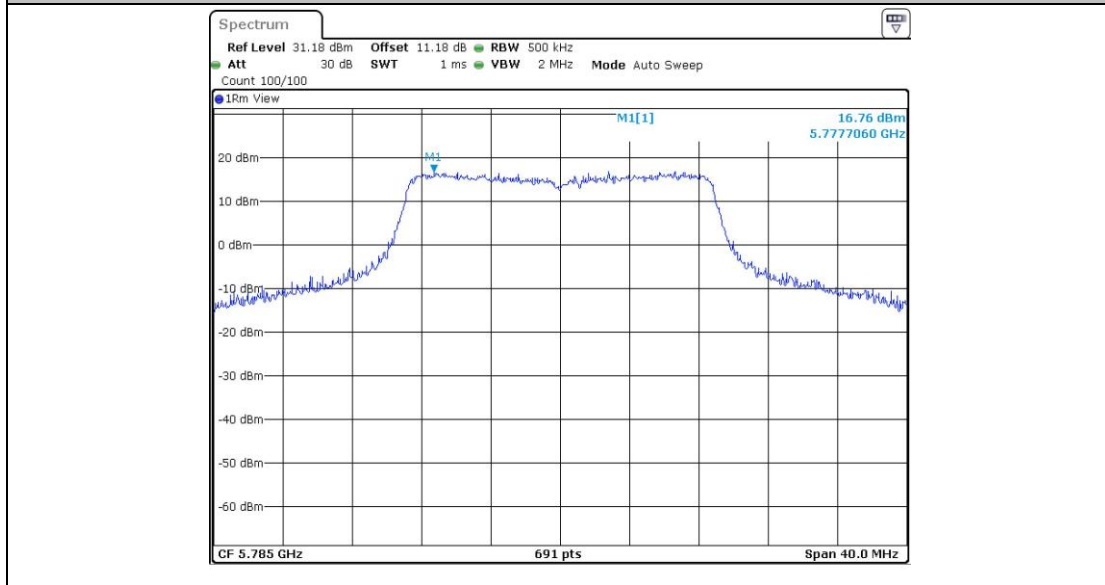
11N20SISO_Ant2_5745



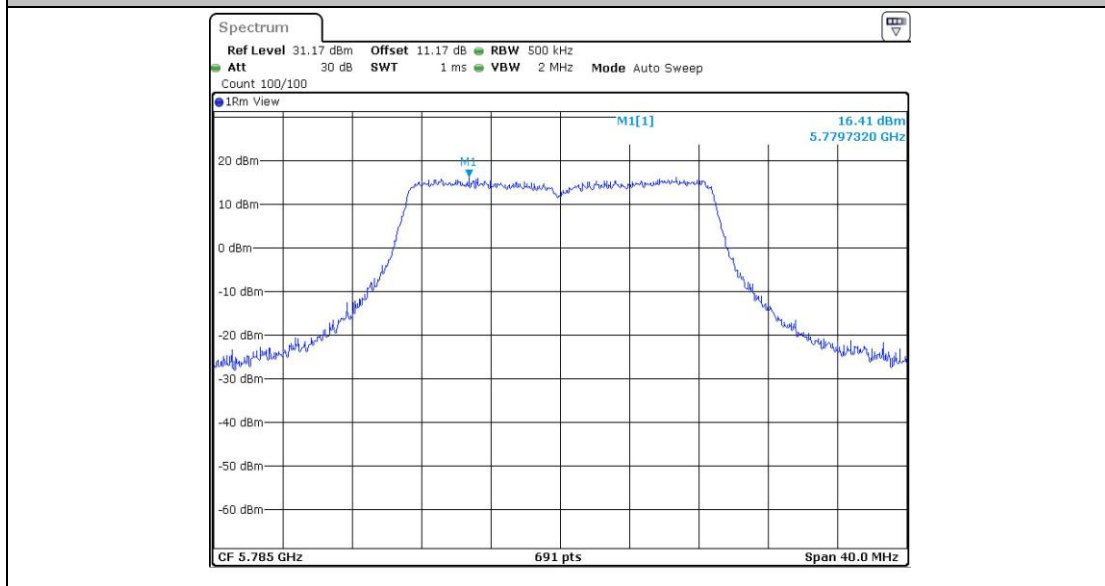
11N20SISO_Ant3_5745



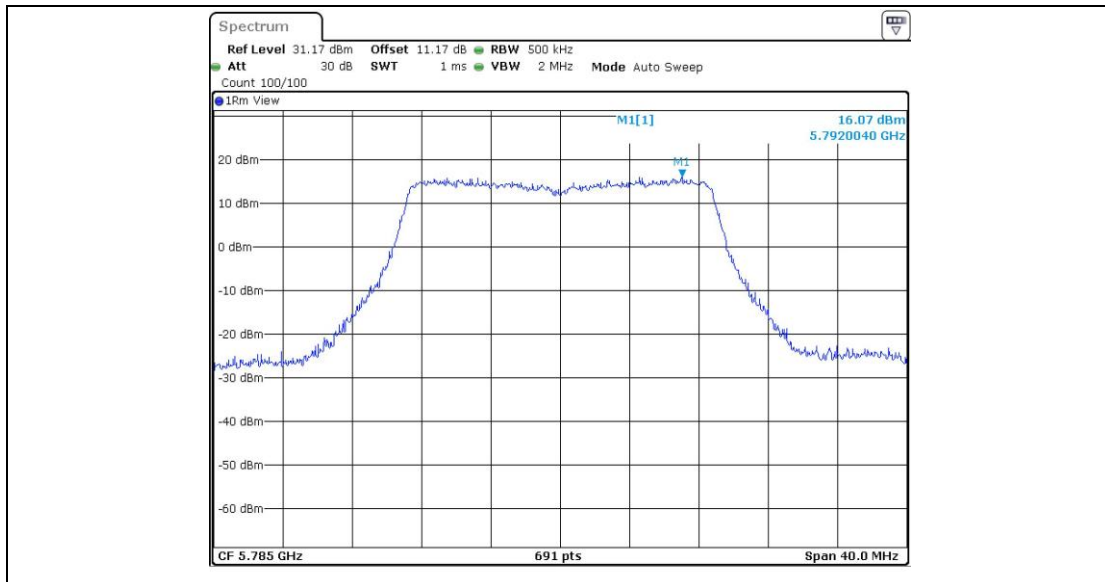
11N20SISO_Ant4_5745



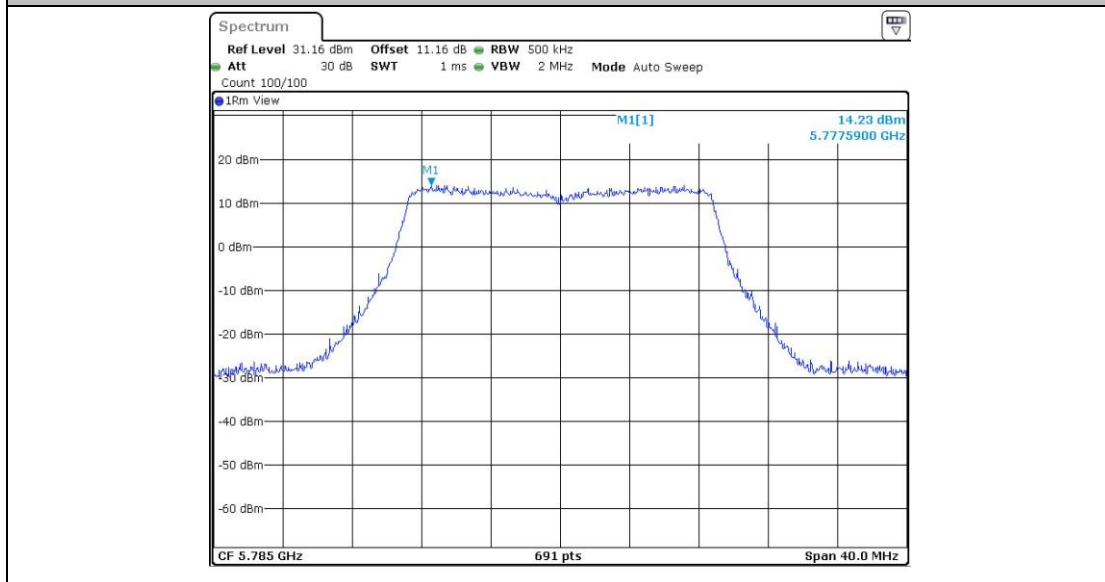
11N20SISO_Ant1_5785



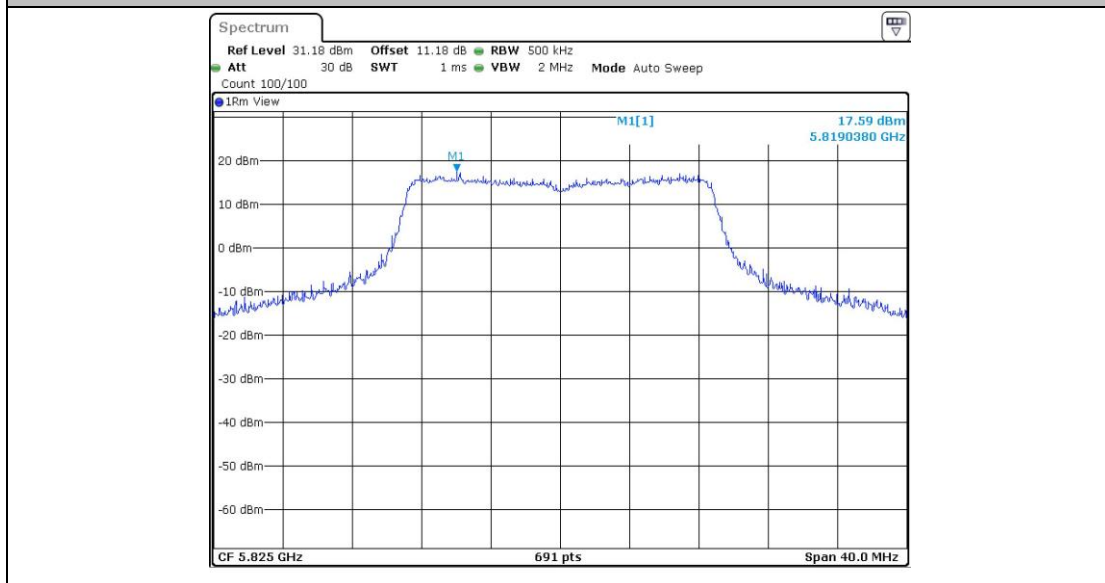
11N20SISO_Ant2_5785



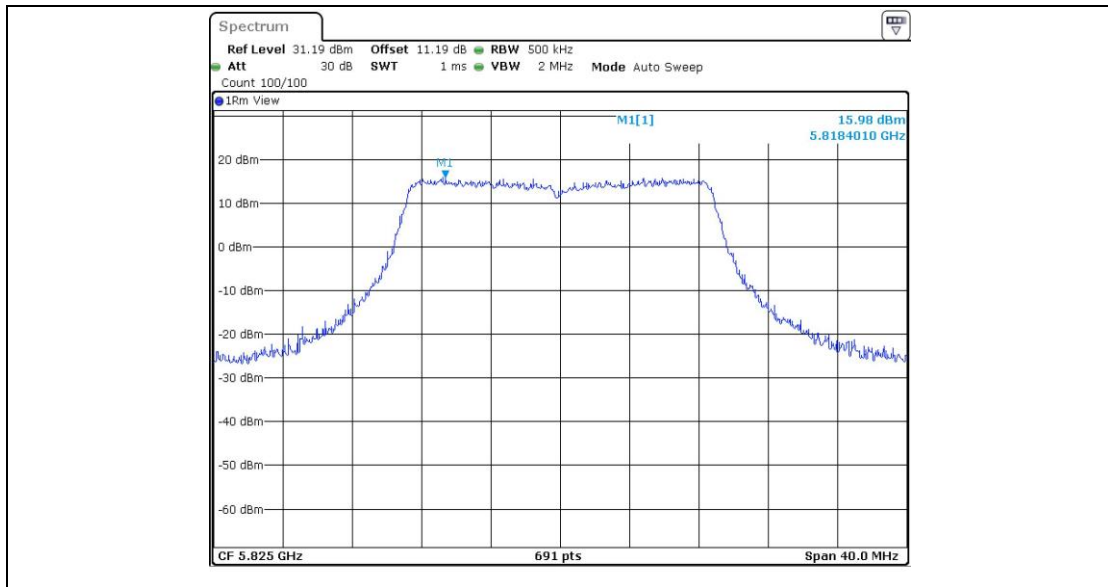
11N20SISO_Ant3_5785



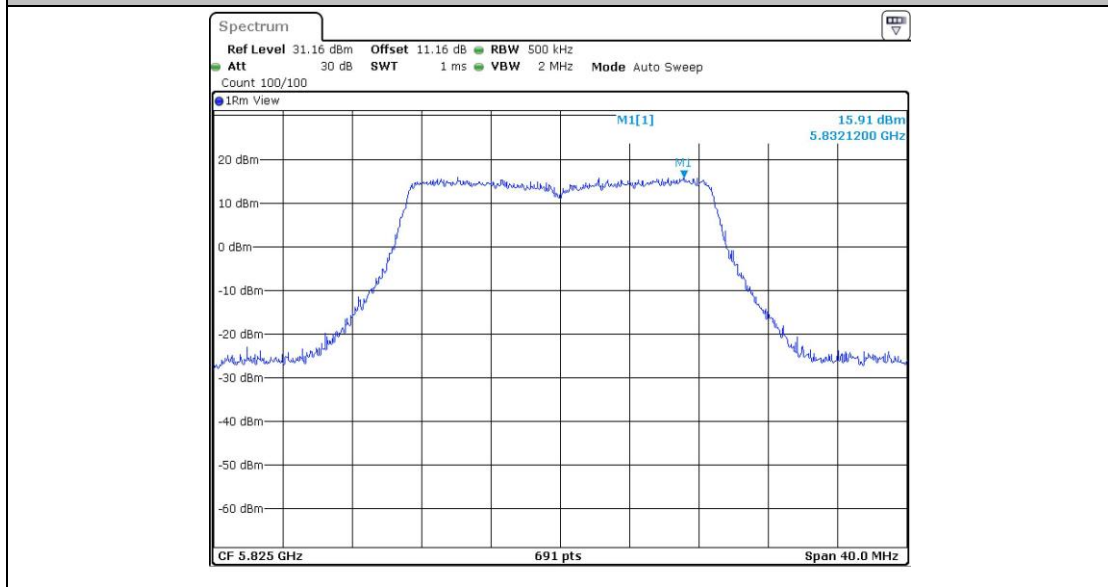
11N20SISO_Ant4_5785



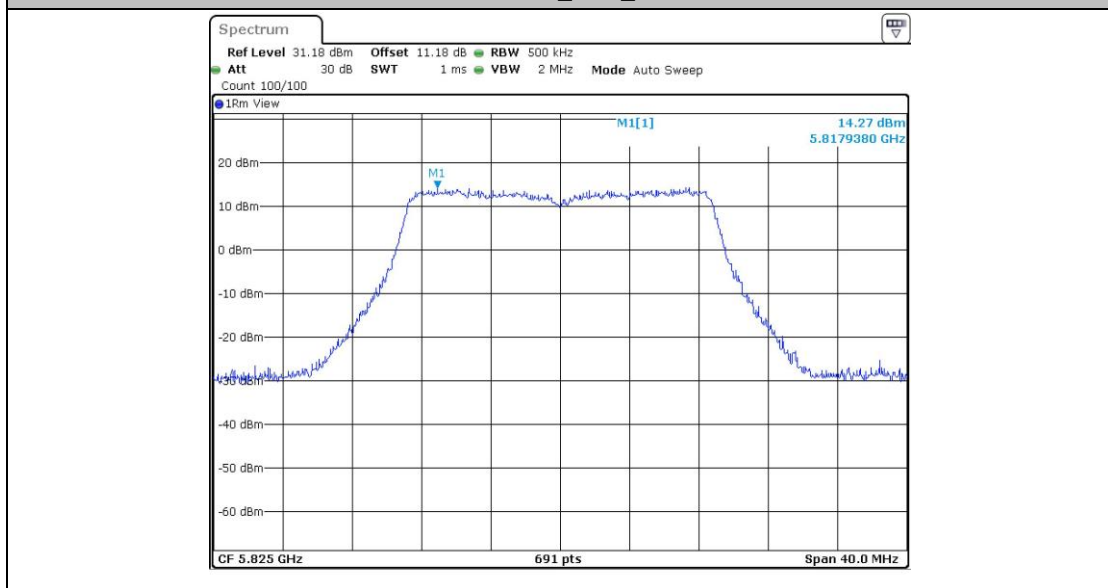
11N20SISO_Ant1_5825



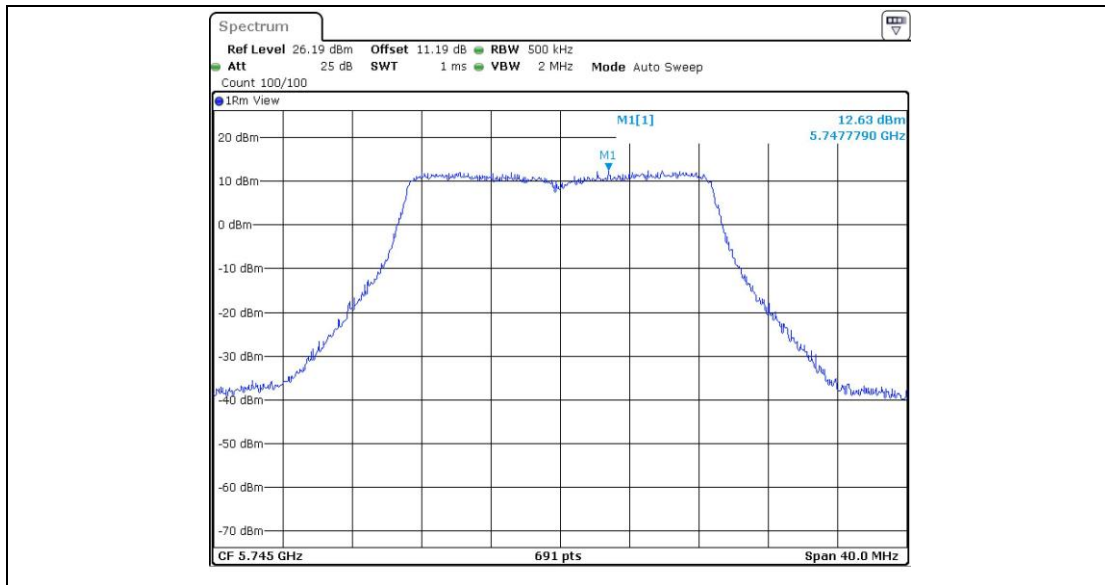
11N20SISO_Ant2_5825



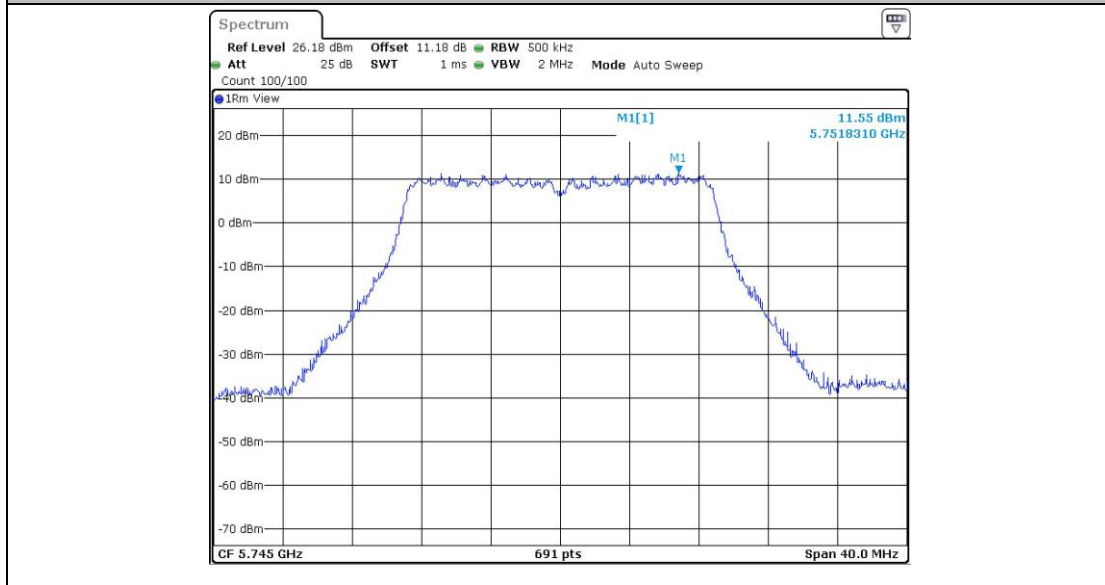
11N20SISO_Ant3_5825



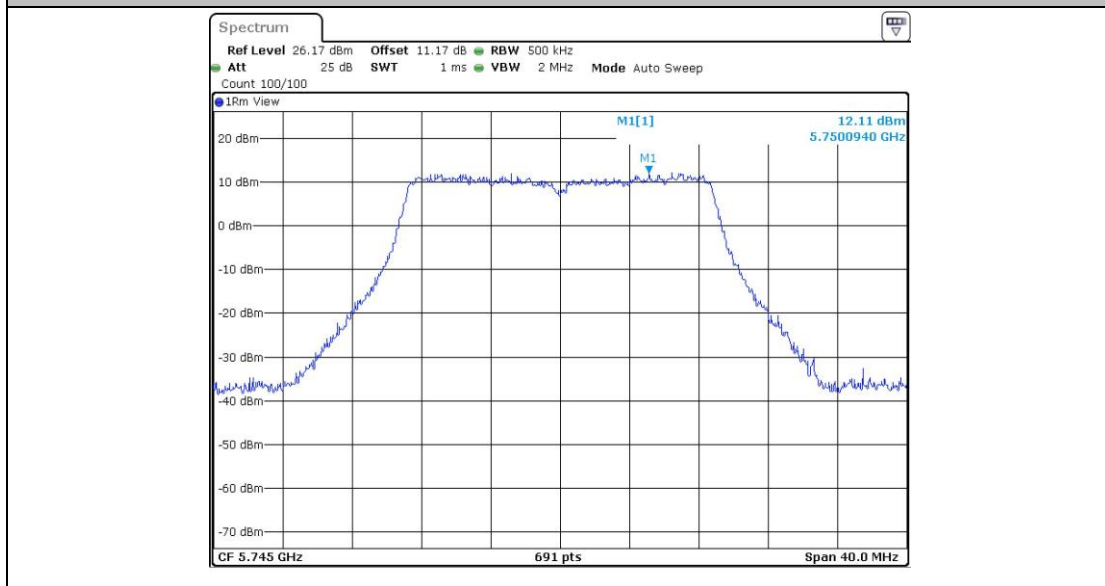
11N20SISO_Ant4_5825



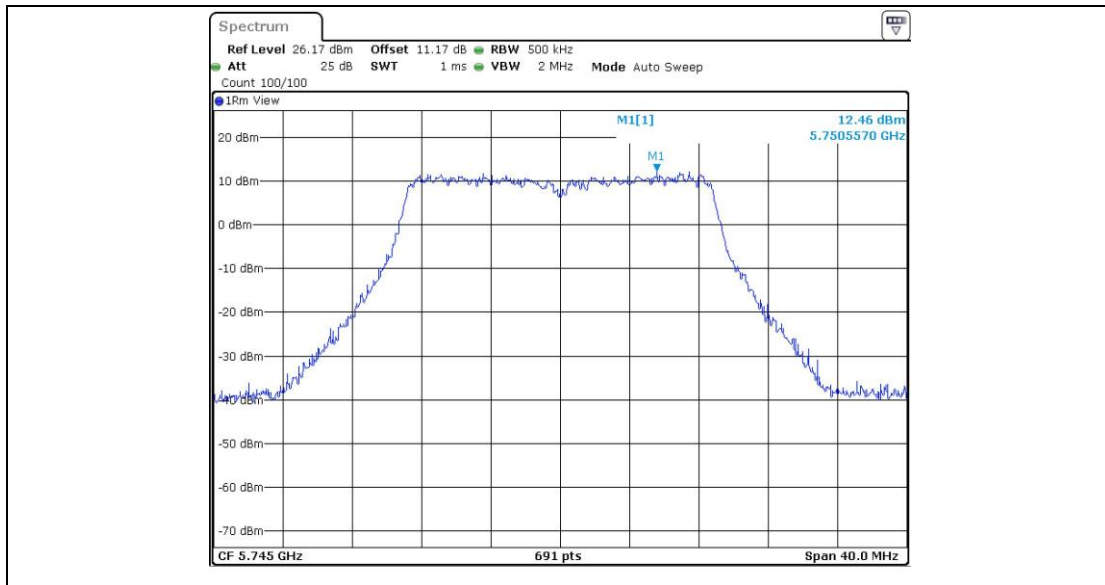
11N20MIMO_Ant1_5745



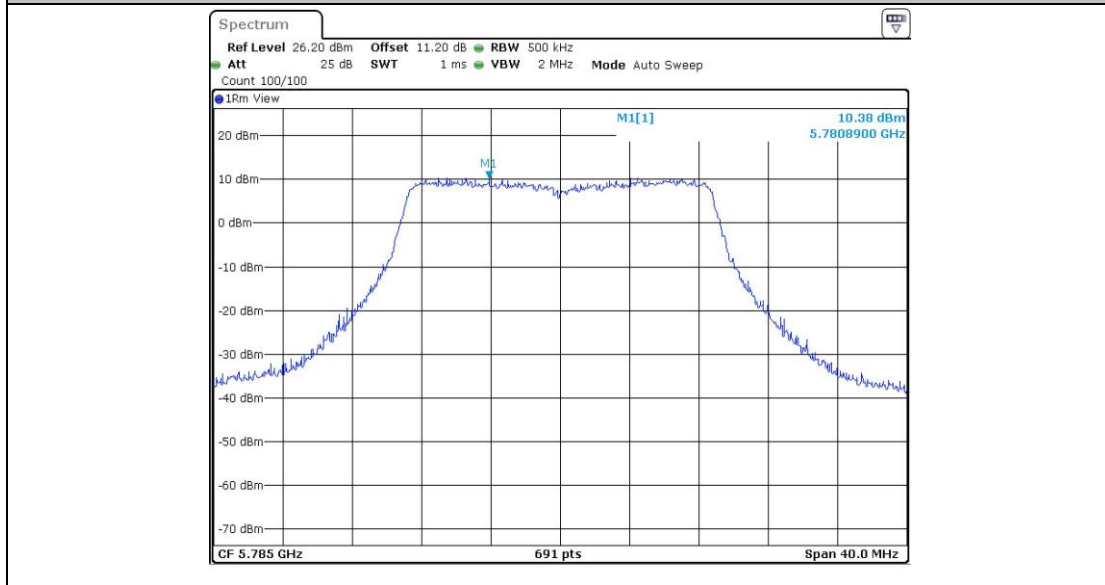
11N20MIMO_Ant2_5745



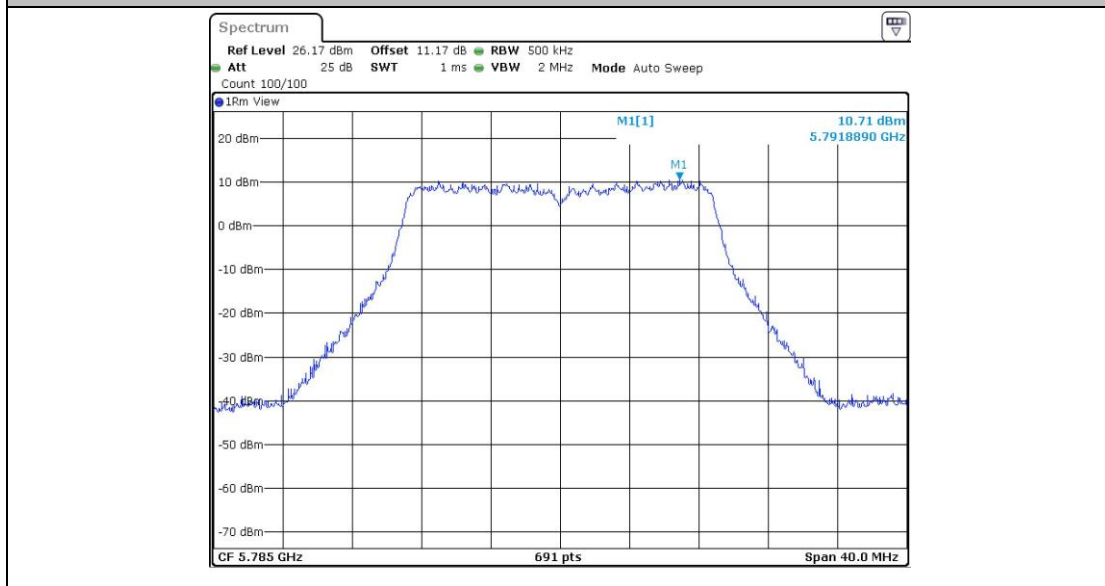
11N20MIMO_Ant3_5745



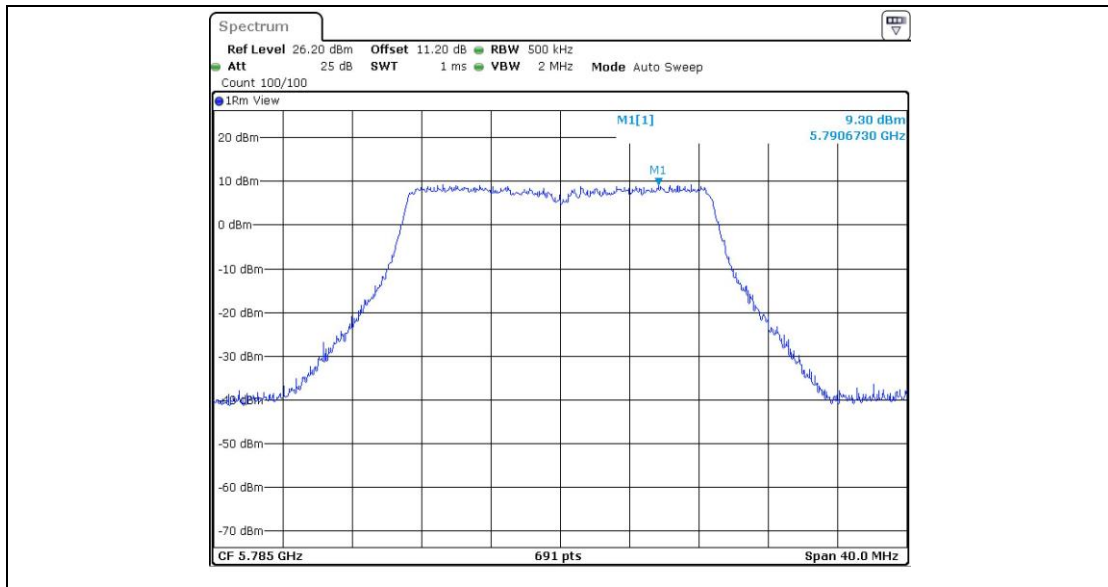
11N20MIMO_Ant4_5745



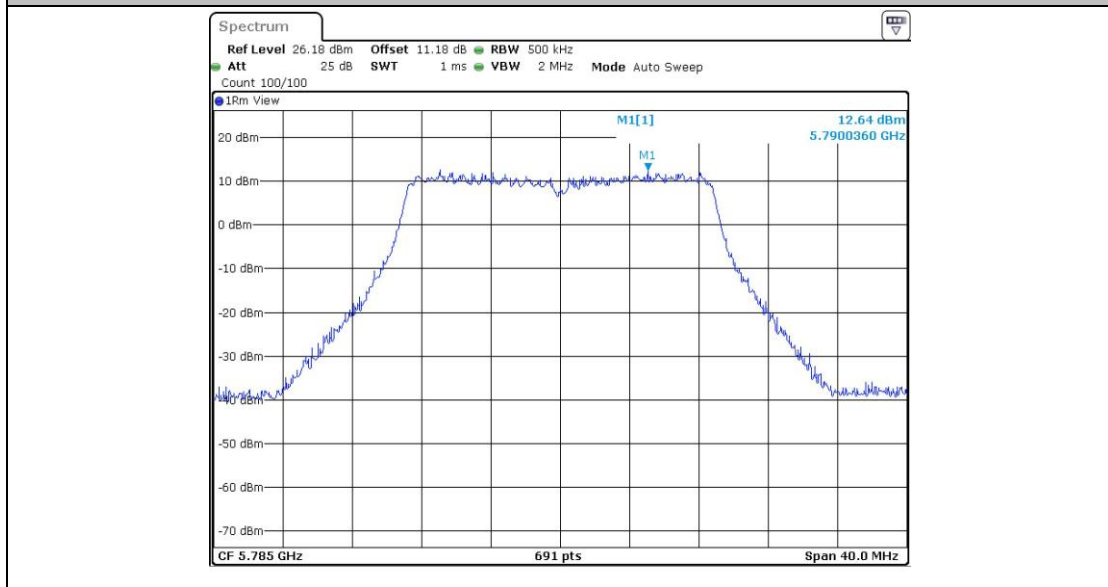
11N20MIMO_Ant1_5785



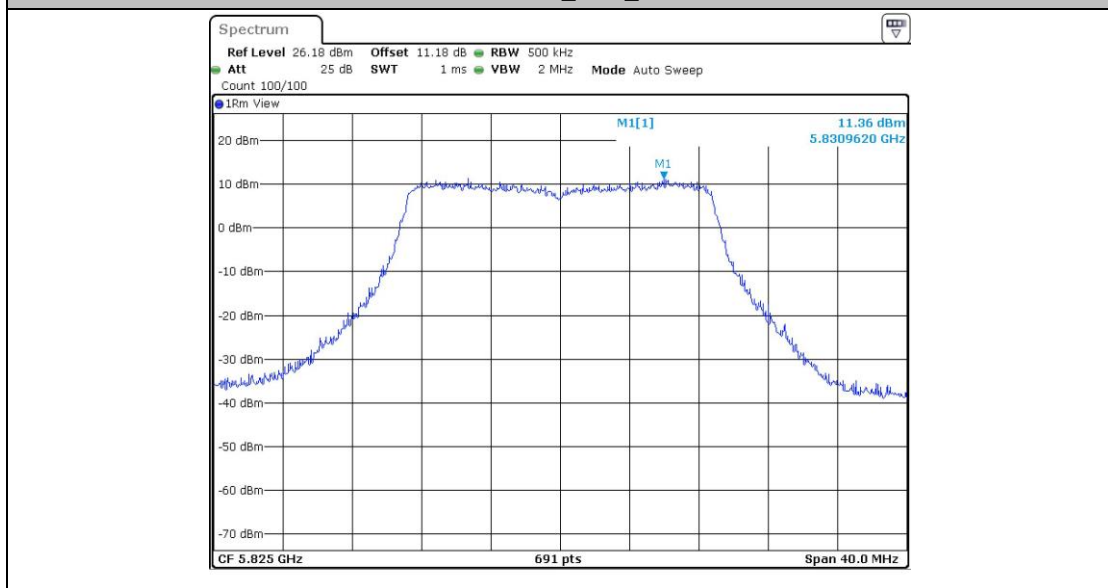
11N20MIMO_Ant2_5785



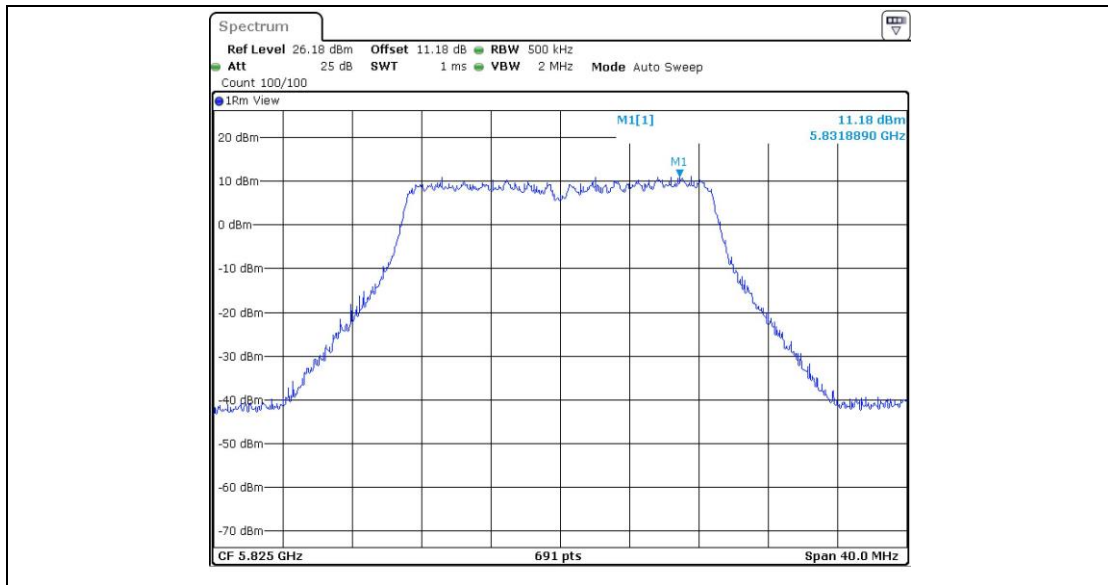
11N20MIMO_Ant3_5785



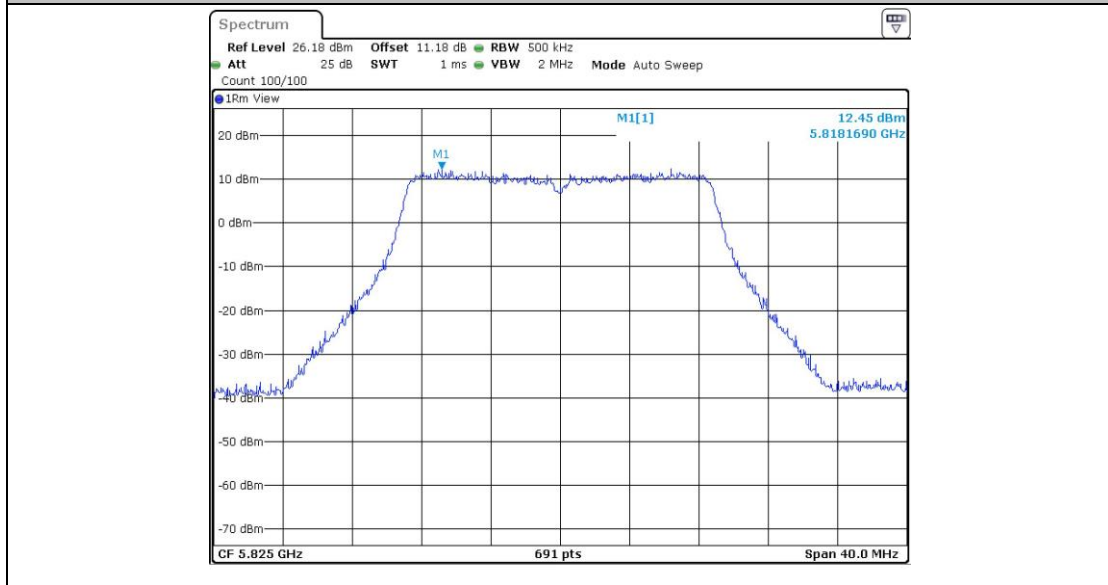
11N20MIMO_Ant4_5785



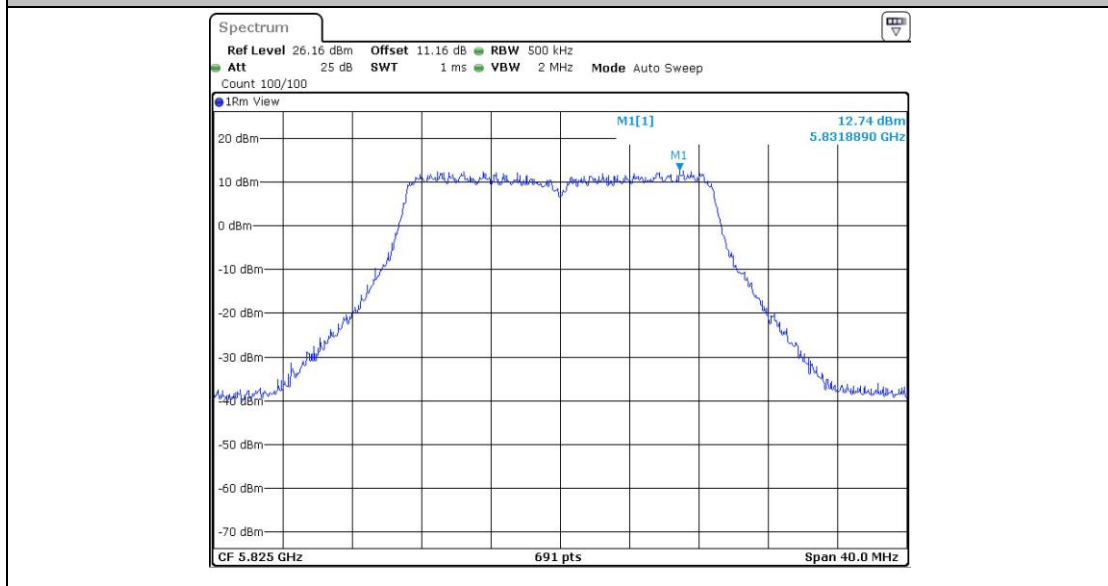
11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



11N20MIMO_Ant3_5825



11N20MIMO_Ant4_5825

Appendix F: Frequency Stability

Test Result

TestMode	Antenna	Channel	Voltage					Limit (ppm)	Verdict
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)			
11A	Ant1	5745	NV	NT	-14000	-2.436902	20	PASS	
			LV	NT	-15000	-2.610966	20	PASS	
			HV	NT	-15000	-2.610966	20	PASS	
	Ant2	5745	NV	NT	-20000	-3.481288	20	PASS	
			LV	NT	-20000	-3.481288	20	PASS	
			HV	NT	-20000	-3.481288	20	PASS	
	Ant3	5745	NV	NT	-13000	-2.262837	20	PASS	
			LV	NT	-13000	-2.262837	20	PASS	
			HV	NT	-13000	-2.262837	20	PASS	
	Ant4	5745	NV	NT	-13000	-2.262837	20	PASS	
			LV	NT	-12000	-2.088773	20	PASS	
			HV	NT	-11000	-1.914708	20	PASS	
	Ant1	5785	NV	NT	-15000	-2.592913	20	PASS	
			LV	NT	-16000	-2.765774	20	PASS	
			HV	NT	-16000	-2.765774	20	PASS	
	Ant2	5785	NV	NT	-21000	-3.630078	20	PASS	
			LV	NT	-21000	-3.630078	20	PASS	
			HV	NT	-21000	-3.630078	20	PASS	
	Ant3	5785	NV	NT	-13000	-2.247191	20	PASS	
			LV	NT	-13000	-2.247191	20	PASS	
			HV	NT	-13000	-2.247191	20	PASS	
	Ant4	5785	NV	NT	-9000	-1.555748	20	PASS	
			LV	NT	-9000	-1.555748	20	PASS	
			HV	NT	-9000	-1.555748	20	PASS	
	Ant1	5825	NV	NT	-16000	-2.746781	20	PASS	
			LV	NT	-16000	-2.746781	20	PASS	
			HV	NT	-17000	-2.918455	20	PASS	
	Ant2	5825	NV	NT	-21000	-3.60515	20	PASS	
			LV	NT	-21000	-3.60515	20	PASS	
			HV	NT	-21000	-3.60515	20	PASS	
	Ant3	5825	NV	NT	-13000	-2.23176	20	PASS	
			LV	NT	-13000	-2.23176	20	PASS	
			HV	NT	-13000	-2.23176	20	PASS	
	Ant4	5825	NV	NT	-11000	-1.888412	20	PASS	
			LV	NT	-11000	-1.888412	20	PASS	
			HV	NT	-11000	-1.888412	20	PASS	
11N20SI SO	Ant1	5745	NV	NT	-18000	-3.133159	20	PASS	
			LV	NT	-18000	-3.133159	20	PASS	

			HV	NT	-18000	-3.133159	20	PASS
	Ant2	5745	NV	NT	-21000	-3.655352	20	PASS
			LV	NT	-21000	-3.655352	20	PASS
			HV	NT	-21000	-3.655352	20	PASS
	Ant3	5745	NV	NT	-13000	-2.262837	20	PASS
			LV	NT	-13000	-2.262837	20	PASS
			HV	NT	-13000	-2.262837	20	PASS
	Ant4	5745	NV	NT	-12000	-2.088773	20	PASS
			LV	NT	-12000	-2.088773	20	PASS
			HV	NT	-12000	-2.088773	20	PASS
	Ant1	5785	NV	NT	-20000	-3.457217	20	PASS
			LV	NT	-19000	-3.284356	20	PASS
			HV	NT	-20000	-3.457217	20	PASS
	Ant2	5785	NV	NT	-22000	-3.802939	20	PASS
			LV	NT	-21000	-3.630078	20	PASS
			HV	NT	-21000	-3.630078	20	PASS
	Ant3	5785	NV	NT	-13000	-2.247191	20	PASS
			LV	NT	-13000	-2.247191	20	PASS
			HV	NT	-12000	-2.07433	20	PASS
	Ant4	5785	NV	NT	-13000	-2.247191	20	PASS
			LV	NT	-13000	-2.247191	20	PASS
			HV	NT	-13000	-2.247191	20	PASS
	Ant1	5825	NV	NT	-20000	-3.433476	20	PASS
			LV	NT	-20000	-3.433476	20	PASS
			HV	NT	-20000	-3.433476	20	PASS
	Ant2	5825	NV	NT	-22000	-3.776824	20	PASS
			LV	NT	-22000	-3.776824	20	PASS
			HV	NT	-22000	-3.776824	20	PASS
	Ant3	5825	NV	NT	-12000	-2.060086	20	PASS
			LV	NT	-12000	-2.060086	20	PASS
			HV	NT	-12000	-2.060086	20	PASS
	Ant4	5825	NV	NT	-13000	-2.23176	20	PASS
			LV	NT	-13000	-2.23176	20	PASS
			HV	NT	-13000	-2.23176	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	-20	-15000	-2.610966	20	PASS
			NV	-10	-15000	-2.610966	20	PASS
			NV	0	-15000	-2.610966	20	PASS
			NV	10	-15000	-2.610966	20	PASS
			NV	20	-15000	-2.610966	20	PASS
			NV	30	-15000	-2.610966	20	PASS
			NV	40	-15000	-2.610966	20	PASS

	Ant2	5745	NV	50	-15000	-2.610966	20	PASS
			NV	-20	-20000	-3.481288	20	PASS
			NV	-10	-20000	-3.481288	20	PASS
			NV	0	-21000	-3.655352	20	PASS
			NV	10	-20000	-3.481288	20	PASS
			NV	20	-21000	-3.655352	20	PASS
			NV	30	-21000	-3.655352	20	PASS
			NV	40	-20000	-3.481288	20	PASS
			NV	50	-20000	-3.481288	20	PASS
	Ant3	5745	NV	-20	-13000	-2.262837	20	PASS
			NV	-10	-13000	-2.262837	20	PASS
			NV	0	-13000	-2.262837	20	PASS
			NV	10	-13000	-2.262837	20	PASS
			NV	20	-13000	-2.262837	20	PASS
			NV	30	-13000	-2.262837	20	PASS
			NV	40	-13000	-2.262837	20	PASS
			NV	50	-13000	-2.262837	20	PASS
	Ant4	5745	NV	-20	-11000	-1.914708	20	PASS
			NV	-10	-11000	-1.914708	20	PASS
			NV	0	-11000	-1.914708	20	PASS
			NV	10	-11000	-1.914708	20	PASS
			NV	20	-11000	-1.914708	20	PASS
			NV	30	-10000	-1.740644	20	PASS
			NV	40	-10000	-1.740644	20	PASS
			NV	50	-10000	-1.740644	20	PASS
	Ant1	5785	NV	-20	-16000	-2.765774	20	PASS
			NV	-10	-16000	-2.765774	20	PASS
			NV	0	-16000	-2.765774	20	PASS
			NV	10	-16000	-2.765774	20	PASS
			NV	20	-16000	-2.765774	20	PASS
			NV	30	-16000	-2.765774	20	PASS
			NV	40	-16000	-2.765774	20	PASS
			NV	50	-16000	-2.765774	20	PASS
	Ant2	5785	NV	-20	-21000	-3.630078	20	PASS
			NV	-10	-21000	-3.630078	20	PASS
			NV	0	-21000	-3.630078	20	PASS
			NV	10	-21000	-3.630078	20	PASS
			NV	20	-21000	-3.630078	20	PASS
			NV	30	-21000	-3.630078	20	PASS
			NV	40	-21000	-3.630078	20	PASS
NV			50	-21000	-3.630078	20	PASS	
Ant3	5785	NV	-20	-13000	-2.247191	20	PASS	
		NV	-10	-13000	-2.247191	20	PASS	
		NV	0	-13000	-2.247191	20	PASS	
		NV	10	-13000	-2.247191	20	PASS	

			NV	20	-13000	-2.247191	20	PASS
			NV	30	-13000	-2.247191	20	PASS
			NV	40	-13000	-2.247191	20	PASS
			NV	50	-13000	-2.247191	20	PASS
	Ant4	5785	NV	-20	-9000	-1.555748	20	PASS
			NV	-10	-9000	-1.555748	20	PASS
			NV	0	-9000	-1.555748	20	PASS
			NV	10	-9000	-1.555748	20	PASS
			NV	20	-10000	-1.728608	20	PASS
			NV	30	-10000	-1.728608	20	PASS
			NV	40	-10000	-1.728608	20	PASS
			NV	50	-10000	-1.728608	20	PASS
	Ant1	5825	NV	-20	-16000	-2.746781	20	PASS
			NV	-10	-17000	-2.918455	20	PASS
			NV	0	-17000	-2.918455	20	PASS
			NV	10	-17000	-2.918455	20	PASS
			NV	20	-17000	-2.918455	20	PASS
			NV	30	-17000	-2.918455	20	PASS
			NV	40	-17000	-2.918455	20	PASS
	Ant2	5825	NV	-20	-21000	-3.60515	20	PASS
			NV	-10	-21000	-3.60515	20	PASS
			NV	0	-21000	-3.60515	20	PASS
			NV	10	-21000	-3.60515	20	PASS
			NV	20	-21000	-3.60515	20	PASS
			NV	30	-21000	-3.60515	20	PASS
			NV	40	-21000	-3.60515	20	PASS
			NV	50	-21000	-3.60515	20	PASS
	Ant3	5825	NV	-20	-13000	-2.23176	20	PASS
			NV	-10	-13000	-2.23176	20	PASS
			NV	0	-13000	-2.23176	20	PASS
			NV	10	-13000	-2.23176	20	PASS
			NV	20	-13000	-2.23176	20	PASS
			NV	30	-13000	-2.23176	20	PASS
			NV	40	-13000	-2.23176	20	PASS
			NV	50	-13000	-2.23176	20	PASS
	Ant4	5825	NV	-20	-11000	-1.888412	20	PASS
NV			-10	-12000	-2.060086	20	PASS	
NV			0	-12000	-2.060086	20	PASS	
NV			10	-12000	-2.060086	20	PASS	
NV			20	-12000	-2.060086	20	PASS	
NV			30	-12000	-2.060086	20	PASS	
NV			40	-12000	-2.060086	20	PASS	
NV			50	-12000	-2.060086	20	PASS	
11N20SI	Ant1	5745	NV	-20	-18000	-3.133159	20	PASS

SO			NV	-10	-18000	-3.133159	20	PASS
			NV	0	-18000	-3.133159	20	PASS
			NV	10	-18000	-3.133159	20	PASS
			NV	20	-18000	-3.133159	20	PASS
			NV	30	-18000	-3.133159	20	PASS
			NV	40	-18000	-3.133159	20	PASS
			NV	50	-18000	-3.133159	20	PASS
	Ant2	5745	NV	-20	-21000	-3.655352	20	PASS
			NV	-10	-21000	-3.655352	20	PASS
			NV	0	-21000	-3.655352	20	PASS
			NV	10	-21000	-3.655352	20	PASS
			NV	20	-21000	-3.655352	20	PASS
			NV	30	-21000	-3.655352	20	PASS
			NV	40	-21000	-3.655352	20	PASS
	Ant3	5745	NV	-20	-13000	-2.262837	20	PASS
			NV	-10	-13000	-2.262837	20	PASS
			NV	0	-13000	-2.262837	20	PASS
			NV	10	-13000	-2.262837	20	PASS
			NV	20	-13000	-2.262837	20	PASS
			NV	30	-13000	-2.262837	20	PASS
			NV	40	-13000	-2.262837	20	PASS
	Ant4	5745	NV	-20	-12000	-2.088773	20	PASS
			NV	-10	-12000	-2.088773	20	PASS
			NV	0	-12000	-2.088773	20	PASS
			NV	10	-12000	-2.088773	20	PASS
			NV	20	-12000	-2.088773	20	PASS
			NV	30	-12000	-2.088773	20	PASS
			NV	40	-12000	-2.088773	20	PASS
	Ant1	5785	NV	-20	-19000	-3.284356	20	PASS
			NV	-10	-20000	-3.457217	20	PASS
			NV	0	-20000	-3.457217	20	PASS
			NV	10	-19000	-3.284356	20	PASS
			NV	20	-20000	-3.457217	20	PASS
			NV	30	-20000	-3.457217	20	PASS
			NV	40	-20000	-3.457217	20	PASS
	Ant2	5785	NV	-20	-21000	-3.630078	20	PASS
			NV	-10	-21000	-3.630078	20	PASS
			NV	0	-21000	-3.630078	20	PASS
			NV	10	-21000	-3.630078	20	PASS
			NV	20	-21000	-3.630078	20	PASS
			NV	30	-21000	-3.630078	20	PASS

			NV	40	-21000	-3.630078	20	PASS		
			NV	50	-21000	-3.630078	20	PASS		
	Ant3	5785	NV	-20	-13000	-2.247191	20	PASS		
			NV	-10	-12000	-2.07433	20	PASS		
			NV	0	-12000	-2.07433	20	PASS		
			NV	10	-13000	-2.247191	20	PASS		
			NV	20	-13000	-2.247191	20	PASS		
			NV	30	-12000	-2.07433	20	PASS		
			NV	40	-13000	-2.247191	20	PASS		
			NV	50	-13000	-2.247191	20	PASS		
			Ant4	5785	NV	-20	-13000	-2.247191	20	PASS
					NV	-10	-13000	-2.247191	20	PASS
	NV	0			-13000	-2.247191	20	PASS		
	NV	10			-13000	-2.247191	20	PASS		
	NV	20			-13000	-2.247191	20	PASS		
	NV	30			-13000	-2.247191	20	PASS		
	NV	40			-13000	-2.247191	20	PASS		
	NV	50			-13000	-2.247191	20	PASS		
	Ant1	5825	NV	-20	-20000	-3.433476	20	PASS		
			NV	-10	-20000	-3.433476	20	PASS		
			NV	0	-20000	-3.433476	20	PASS		
			NV	10	-20000	-3.433476	20	PASS		
			NV	20	-19000	-3.261803	20	PASS		
			NV	30	-20000	-3.433476	20	PASS		
			NV	40	-20000	-3.433476	20	PASS		
			NV	50	-20000	-3.433476	20	PASS		
	Ant2	5825	NV	-20	-22000	-3.776824	20	PASS		
			NV	-10	-22000	-3.776824	20	PASS		
			NV	0	-22000	-3.776824	20	PASS		
			NV	10	-22000	-3.776824	20	PASS		
			NV	20	-22000	-3.776824	20	PASS		
			NV	30	-21000	-3.60515	20	PASS		
			NV	40	-22000	-3.776824	20	PASS		
NV			50	-22000	-3.776824	20	PASS			
Ant3	5825	NV	-20	-12000	-2.060086	20	PASS			
		NV	-10	-12000	-2.060086	20	PASS			
		NV	0	-12000	-2.060086	20	PASS			
		NV	10	-12000	-2.060086	20	PASS			
		NV	20	-12000	-2.060086	20	PASS			
		NV	30	-12000	-2.060086	20	PASS			
		NV	40	-12000	-2.060086	20	PASS			
		NV	50	-12000	-2.060086	20	PASS			
Ant4	5825	NV	-20	-13000	-2.23176	20	PASS			
		NV	-10	-13000	-2.23176	20	PASS			
		NV	0	-13000	-2.23176	20	PASS			

			NV	10	-13000	-2.23176	20	PASS
			NV	20	-14000	-2.403433	20	PASS
			NV	30	-13000	-2.23176	20	PASS
			NV	40	-14000	-2.403433	20	PASS
			NV	50	-14000	-2.403433	20	PASS