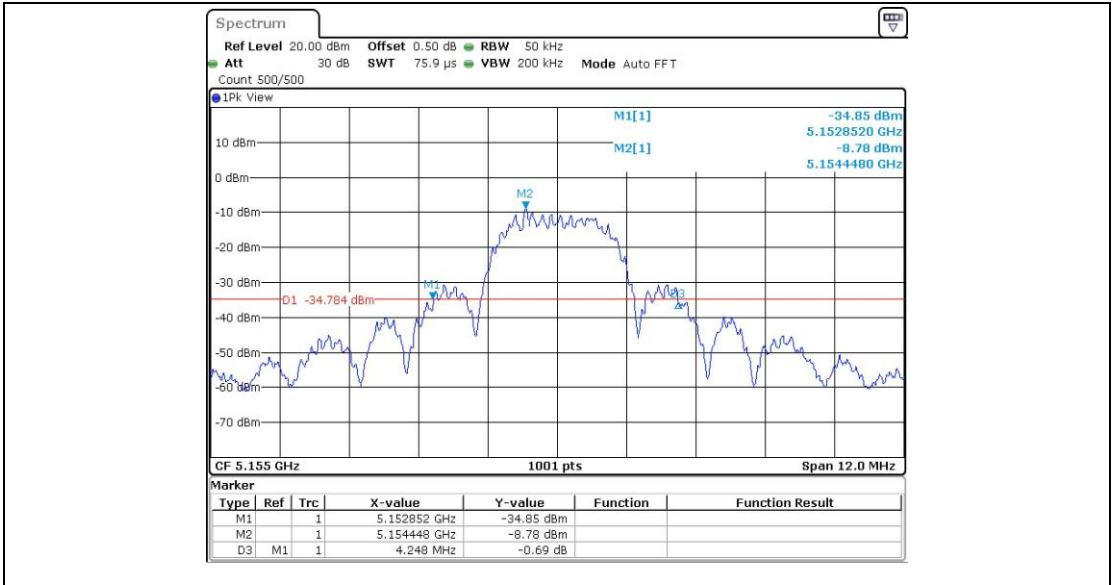


Appendix A1: Emission Bandwidth

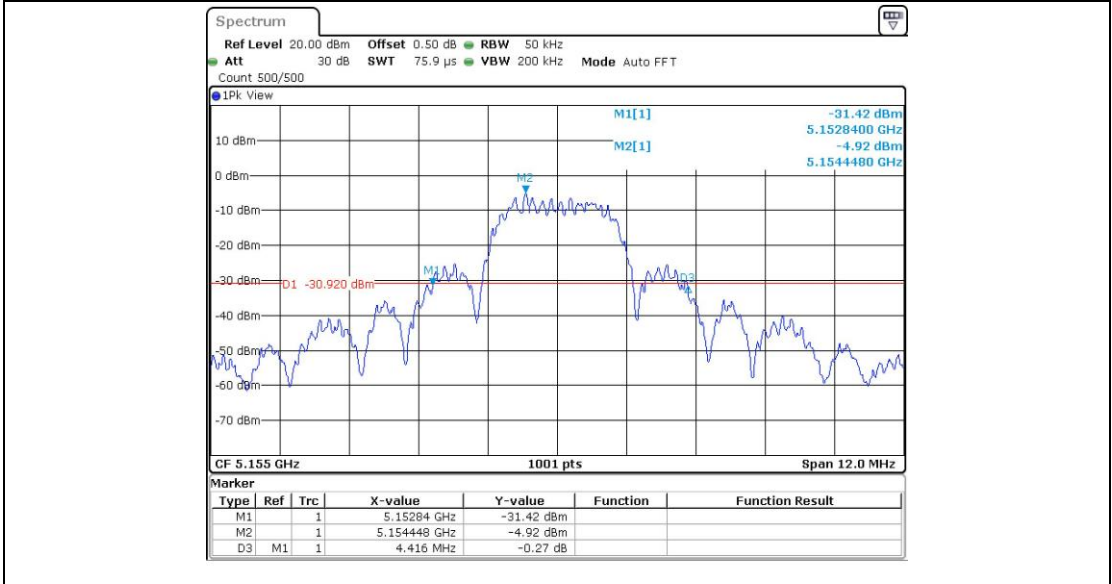
Test Result

Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
Ant1	5155	4.248	5152.852	5157.100	---	PASS
Ant2	5155	4.416	5152.840	5157.256	---	PASS
Ant1	5195	4.404	5192.840	5197.244	---	PASS
Ant2	5195	4.404	5192.840	5197.244	---	PASS
Ant1	5245	4.416	5242.840	5247.256	---	PASS
Ant2	5245	4.404	5242.840	5247.244	---	PASS

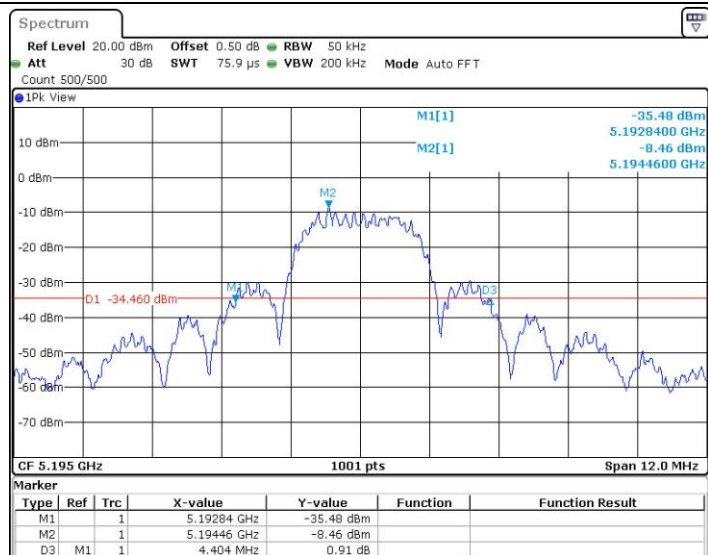
Test Graphs



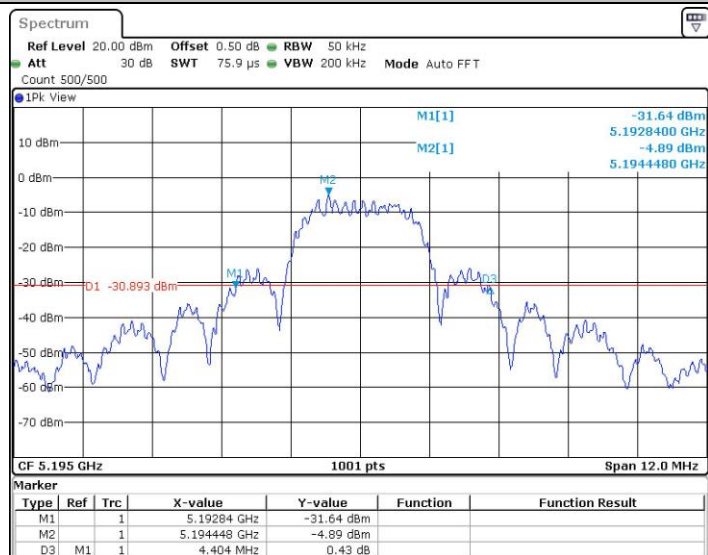
Ant1_5155



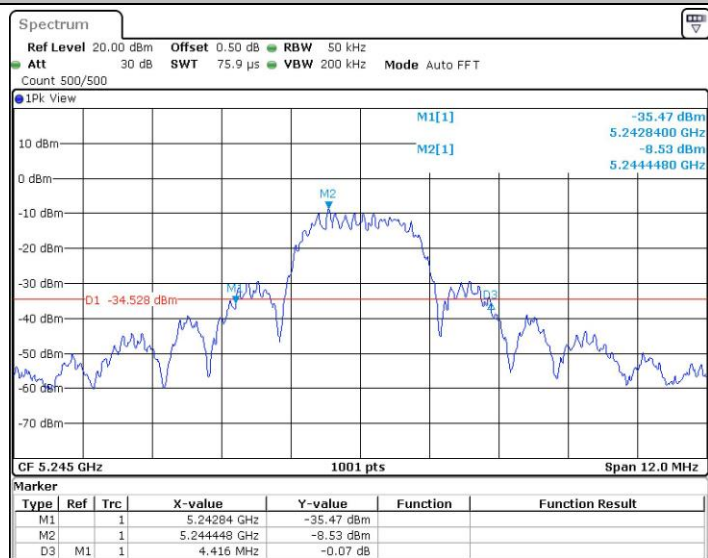
Ant2_5155



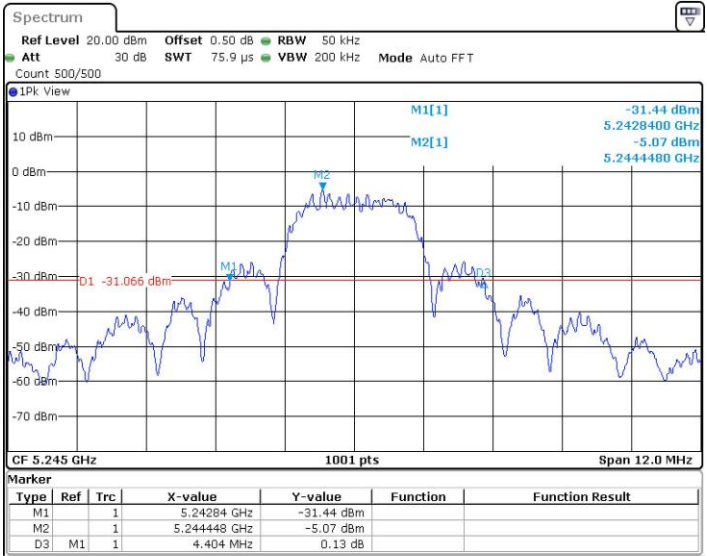
Ant1_5195



Ant2_5195



Ant1_5245



Ant2_5245

Appendix A2: Occupied channel bandwidth

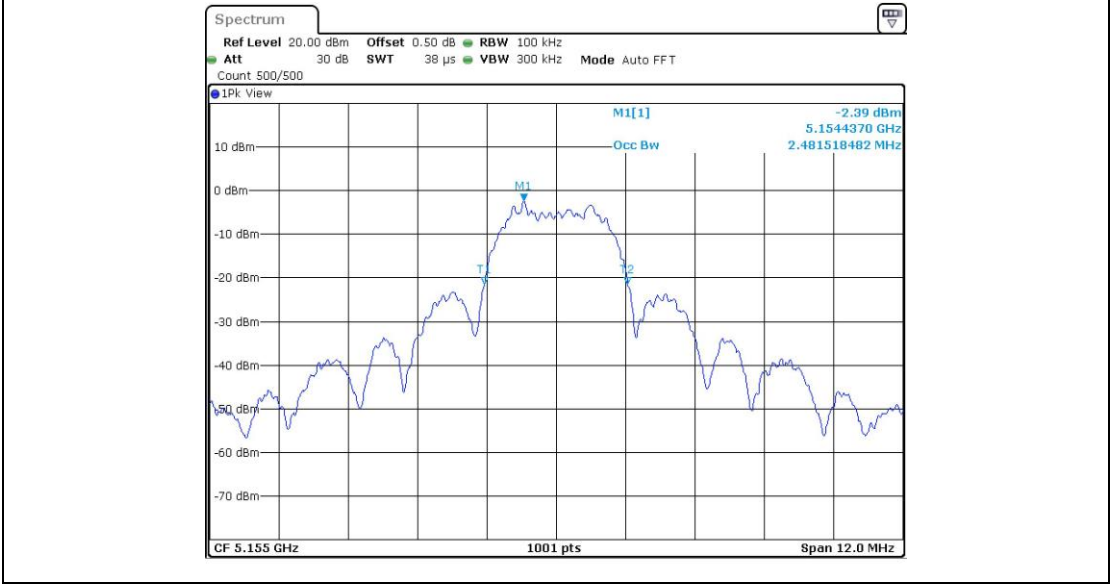
Test Result

Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
Ant1	5155	2.41	5153.789	5156.199	---	PASS
Ant2	5155	2.482	5153.753	5156.235	---	PASS
Ant1	5195	2.446	5193.777	5196.223	---	PASS
Ant2	5195	2.446	5193.777	5196.223	---	PASS
Ant1	5245	2.47	5243.765	5246.235	---	PASS
Ant2	5245	2.458	5243.765	5246.223	---	PASS

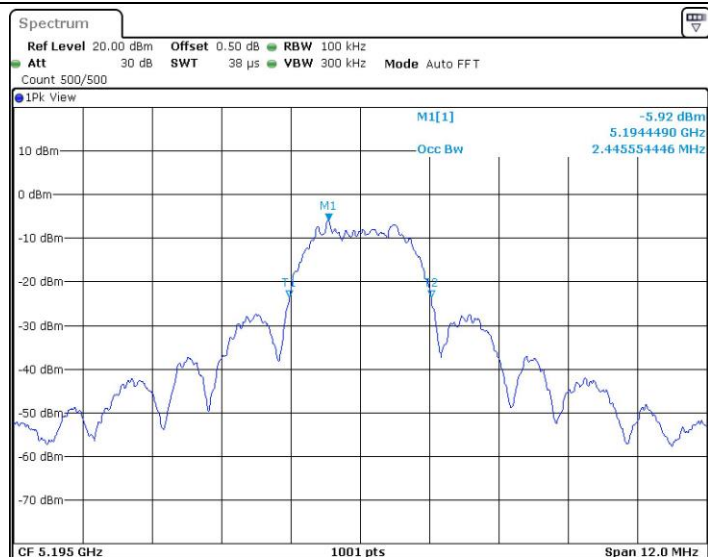
Test Graphs



Ant1_5155



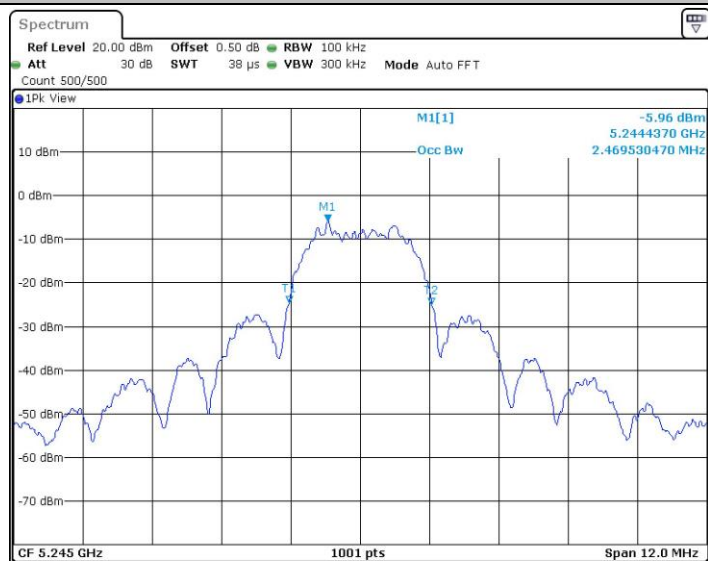
Ant2_5155



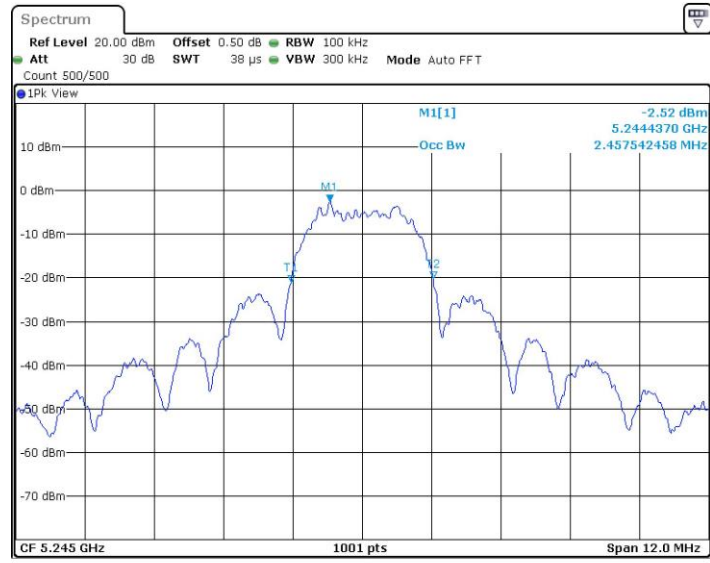
Ant1_5195



Ant2_5195



Ant1_5245



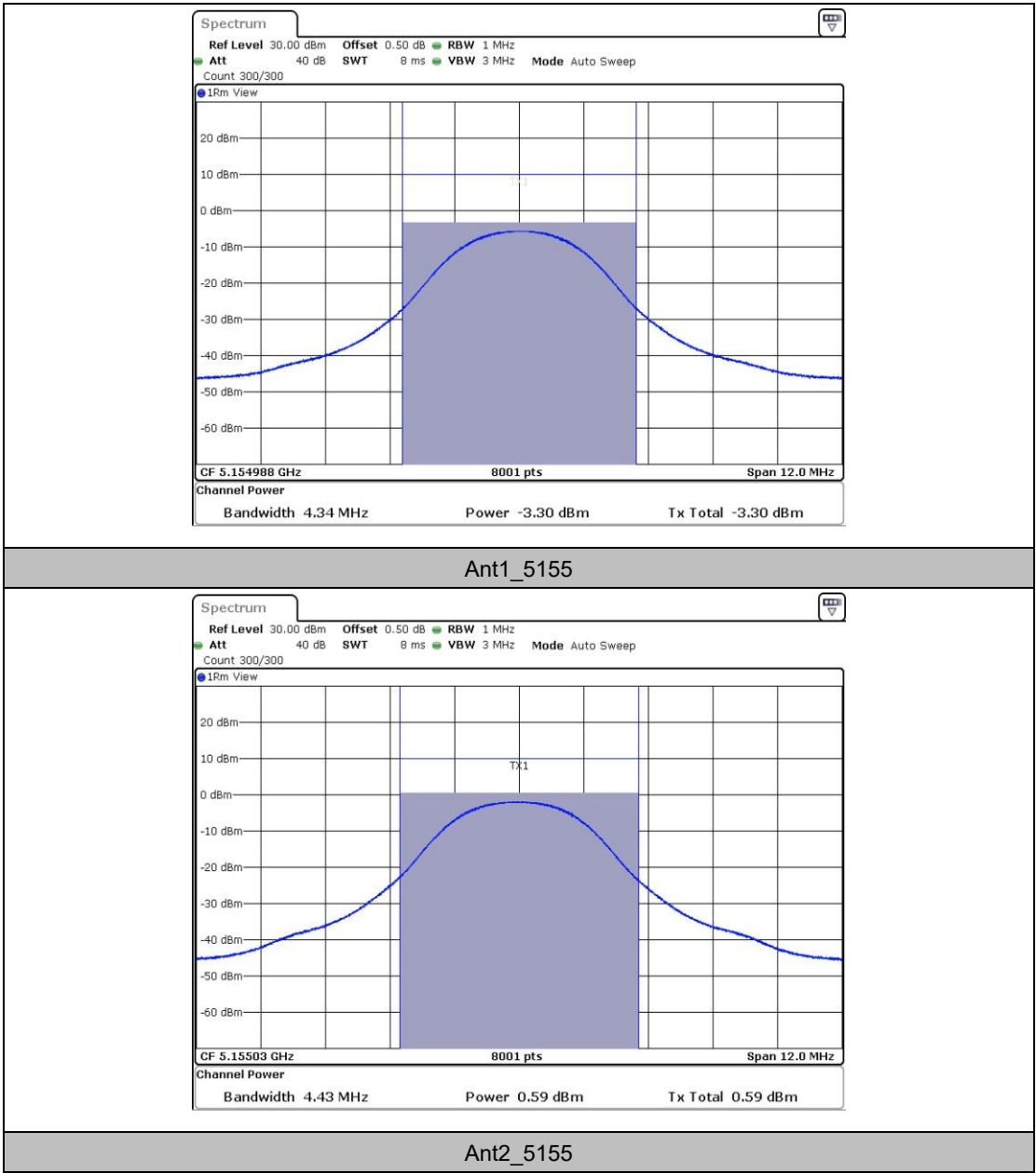
Ant2_5245

Appendix B: Maximum conducted output power

Test Result

Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
Ant1	5155	-3.30	<=23.98	PASS
Ant2	5155	0.59	<=23.98	PASS
Ant1	5195	-2.89	<=23.98	PASS
Ant2	5195	0.56	<=23.98	PASS
Ant1	5245	-2.92	<=23.98	PASS
Ant2	5245	0.54	<=23.98	PASS

Test Graphs



Ant1_5155

Spectrum

Ref Level 30.00 dBm

Offset 0.50 dB

RBW 1 MHz

Att 40 dB

SWT 8 ms

VBW 3 MHz

Mode Auto Sweep

Count 300/300

1Rm View

CF 5.15503 GHz

8001 pts

Span 12.0 MHz

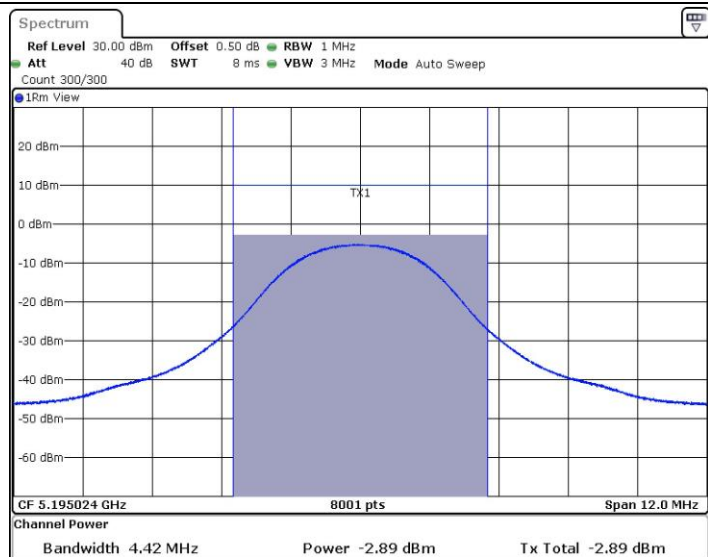
Channel Power

Bandwidth 4.43 MHz

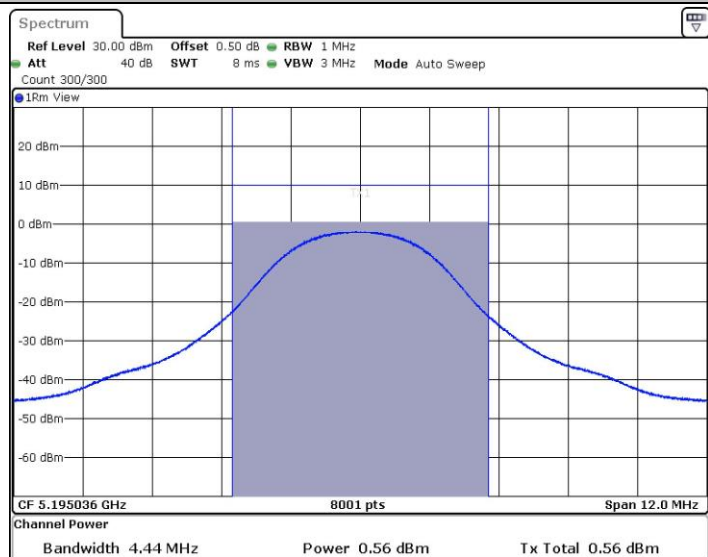
Power 0.59 dBm

Tx Total 0.59 dBm

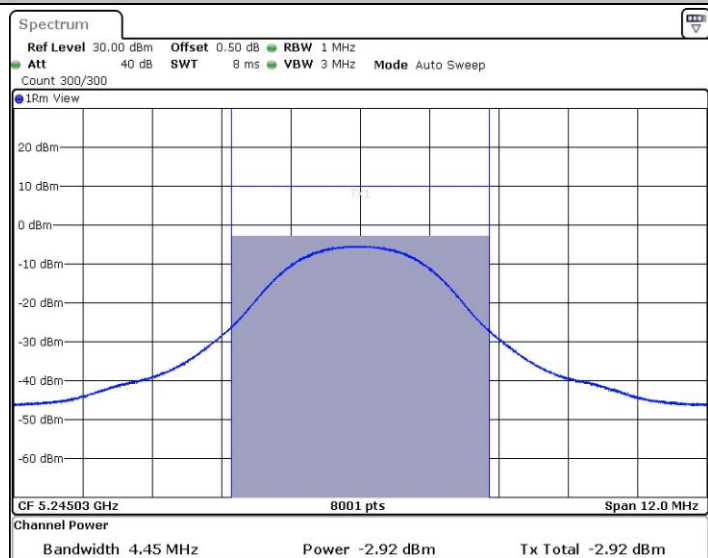
Ant2_5155



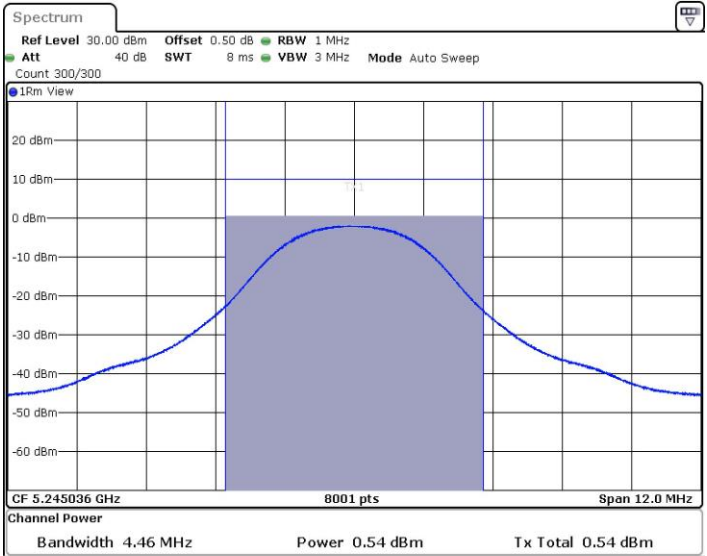
Ant1_5195



Ant2_5195



Ant1_5245



Ant2_5245

Appendix B1: Maximum EIRP

Test Result

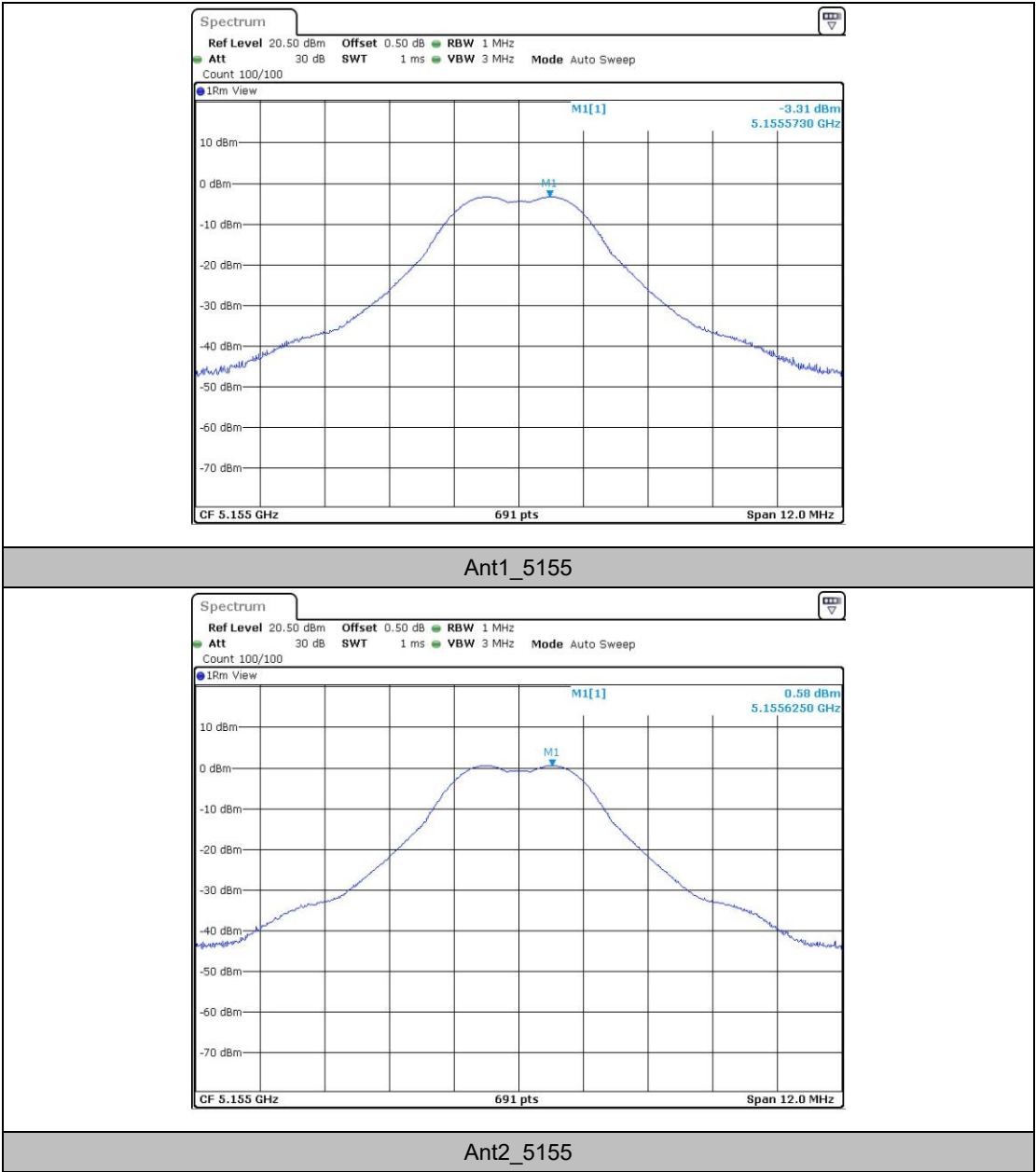
Antenna	Channel	Result[dBm]	GAIN	EIRP [dBm]	Limit[dBm]	Verdict
Ant1	5155	-3.30	3.63	0.33	<=36	PASS
Ant2	5155	0.59	2.70	3.29	<=36	PASS
Ant1	5195	-2.89	3.63	0.74	<=36	PASS
Ant2	5195	0.56	2.70	3.26	<=36	PASS
Ant1	5245	-2.92	3.63	0.71	<=36	PASS
Ant2	5245	0.54	2.70	3.24	<=36	PASS

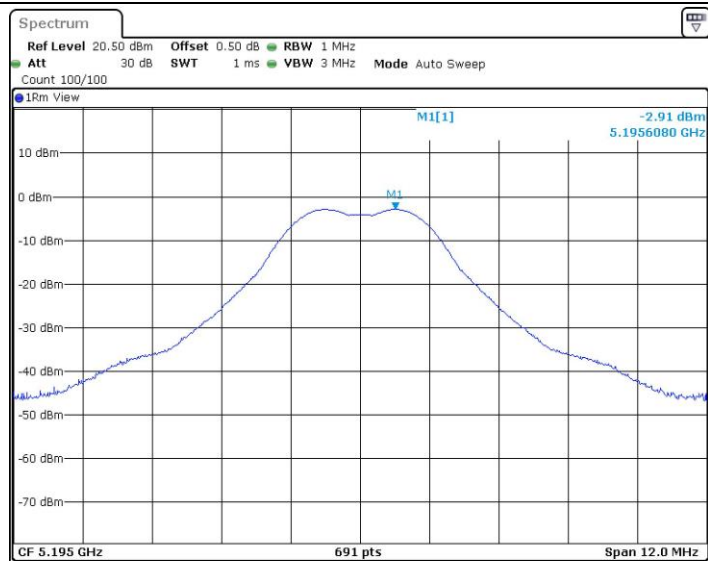
Appendix C: Maximum power spectral density

Test Result

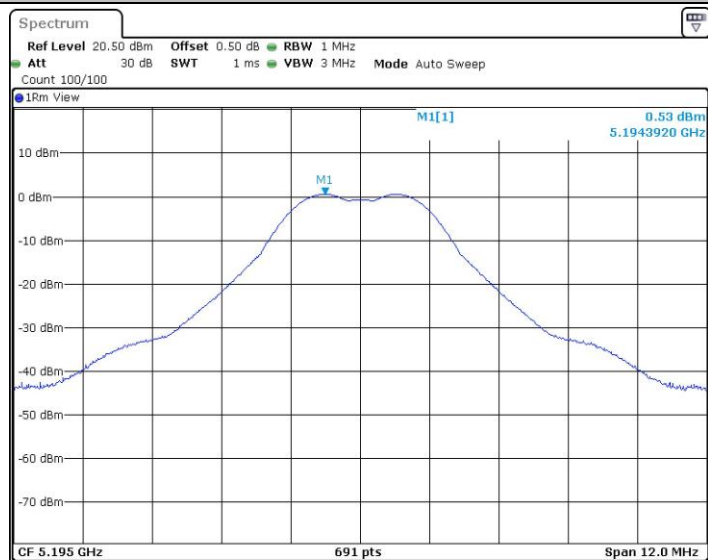
Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
Ant1	5155	-3.31	<=11	PASS
Ant2	5155	0.58	<=11	PASS
Ant1	5195	-2.91	<=11	PASS
Ant2	5195	0.53	<=11	PASS
Ant1	5245	-2.94	<=11	PASS
Ant2	5245	0.5	<=11	PASS

Test Graphs

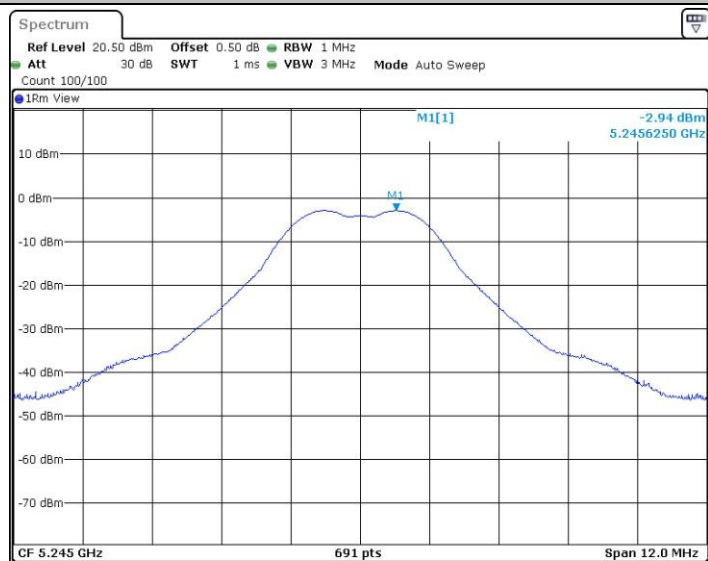




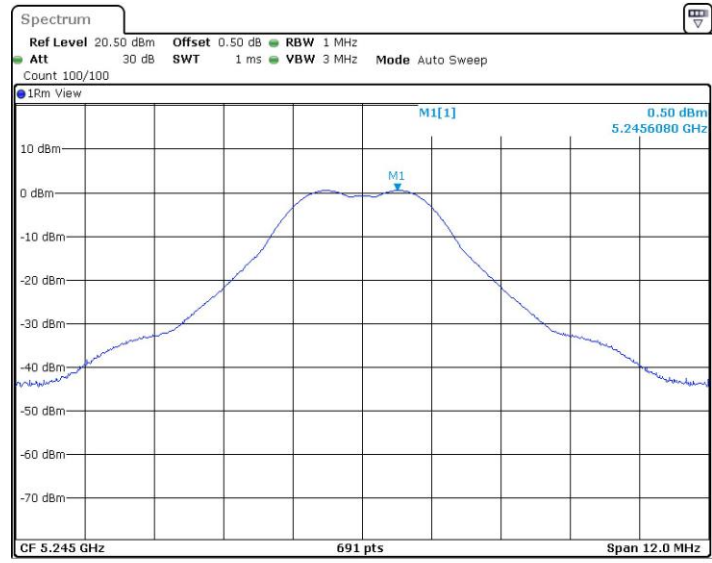
Ant1_5195



Ant2_5195



Ant1_5245



Ant2_5245

Appendix D: Frequency Stability

Test Result

Voltage							
Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Ant1	5155	NV	NT	18000	3.491756	20	PASS
		LV	NT	18000	3.491756	20	PASS
		HV	NT	18000	3.491756	20	PASS
Ant2	5155	NV	NT	18000	3.491756	20	PASS
		LV	NT	18000	3.491756	20	PASS
		HV	NT	18000	3.491756	20	PASS
Ant1	5195	NV	NT	18000	3.46487	20	PASS
		LV	NT	18000	3.46487	20	PASS
		HV	NT	18000	3.46487	20	PASS
Ant2	5195	NV	NT	12000	2.309913	20	PASS
		LV	NT	0	0	20	PASS
		HV	NT	18000	3.46487	20	PASS
Ant1	5245	NV	NT	18000	3.43184	20	PASS
		LV	NT	18000	3.43184	20	PASS
		HV	NT	18000	3.43184	20	PASS
Ant2	5245	NV	NT	12000	2.287893	20	PASS
		LV	NT	12000	2.287893	20	PASS
		HV	NT	12000	2.287893	20	PASS

Temperature							
Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Ant1	5155	NV	-30	18000	3.491756	20	PASS
		NV	-20	18000	3.491756	20	PASS
		NV	-10	18000	3.491756	20	PASS
		NV	0	18000	3.491756	20	PASS
		NV	10	18000	3.491756	20	PASS
		NV	20	18000	3.491756	20	PASS
		NV	30	18000	3.491756	20	PASS
		NV	40	18000	3.491756	20	PASS
		NV	50	18000	3.491756	20	PASS
Ant2	5155	NV	-30	18000	3.491756	20	PASS
		NV	-20	18000	3.491756	20	PASS
		NV	-10	18000	3.491756	20	PASS
		NV	0	18000	3.491756	20	PASS

		NV	10	18000	3.491756	20	PASS
		NV	20	18000	3.491756	20	PASS
		NV	30	18000	3.491756	20	PASS
		NV	40	18000	3.491756	20	PASS
		NV	50	18000	3.491756	20	PASS
Ant1	5195	NV	-30	18000	3.46487	20	PASS
		NV	-20	18000	3.46487	20	PASS
		NV	-10	18000	3.46487	20	PASS
		NV	0	18000	3.46487	20	PASS
		NV	10	18000	3.46487	20	PASS
		NV	20	18000	3.46487	20	PASS
		NV	30	18000	3.46487	20	PASS
		NV	40	18000	3.46487	20	PASS
		NV	50	18000	3.46487	20	PASS
Ant2	5195	NV	-30	18000	3.46487	20	PASS
		NV	-20	12000	2.309913	20	PASS
		NV	-10	18000	3.46487	20	PASS
		NV	0	12000	2.309913	20	PASS
		NV	10	12000	2.309913	20	PASS
		NV	20	12000	2.309913	20	PASS
		NV	30	12000	2.309913	20	PASS
		NV	40	18000	3.46487	20	PASS
		NV	50	18000	3.46487	20	PASS
Ant1	5245	NV	-30	18000	3.43184	20	PASS
		NV	-20	18000	3.43184	20	PASS
		NV	-10	18000	3.43184	20	PASS
		NV	0	18000	3.43184	20	PASS
		NV	10	12000	2.287893	20	PASS
		NV	20	12000	2.287893	20	PASS
		NV	30	12000	2.287893	20	PASS
		NV	40	18000	3.43184	20	PASS
		NV	50	12000	2.287893	20	PASS
Ant2	5245	NV	-30	12000	2.287893	20	PASS
		NV	-20	18000	3.43184	20	PASS
		NV	-10	12000	2.287893	20	PASS
		NV	0	12000	2.287893	20	PASS
		NV	10	18000	3.43184	20	PASS
		NV	20	0	0	20	PASS
		NV	30	12000	2.287893	20	PASS
		NV	40	18000	3.43184	20	PASS
		NV	50	18000	3.43184	20	PASS