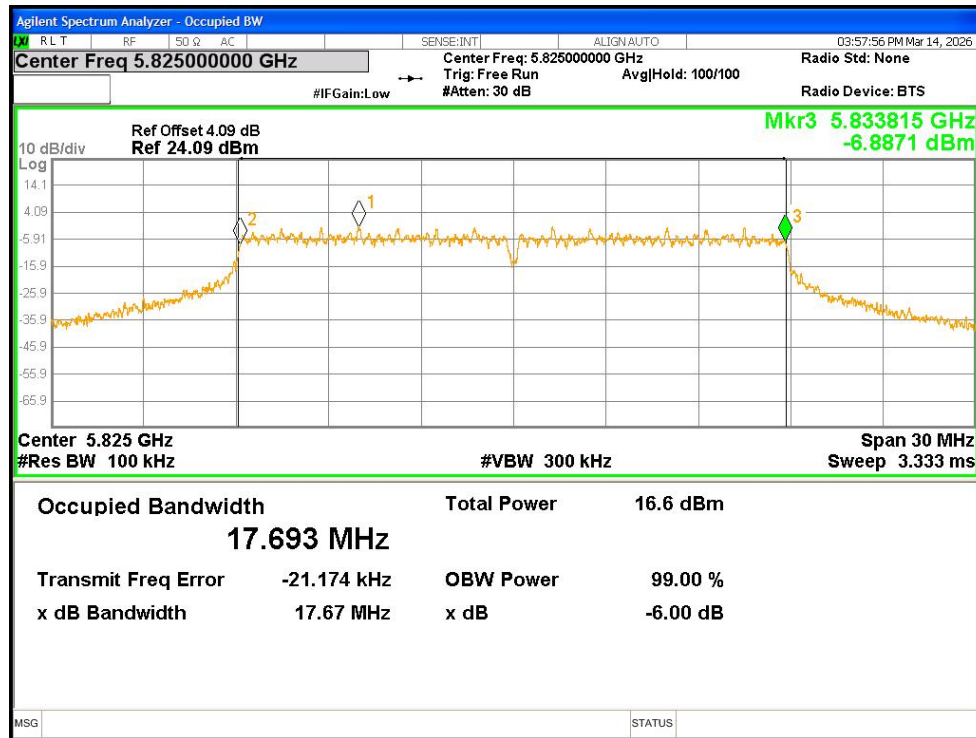
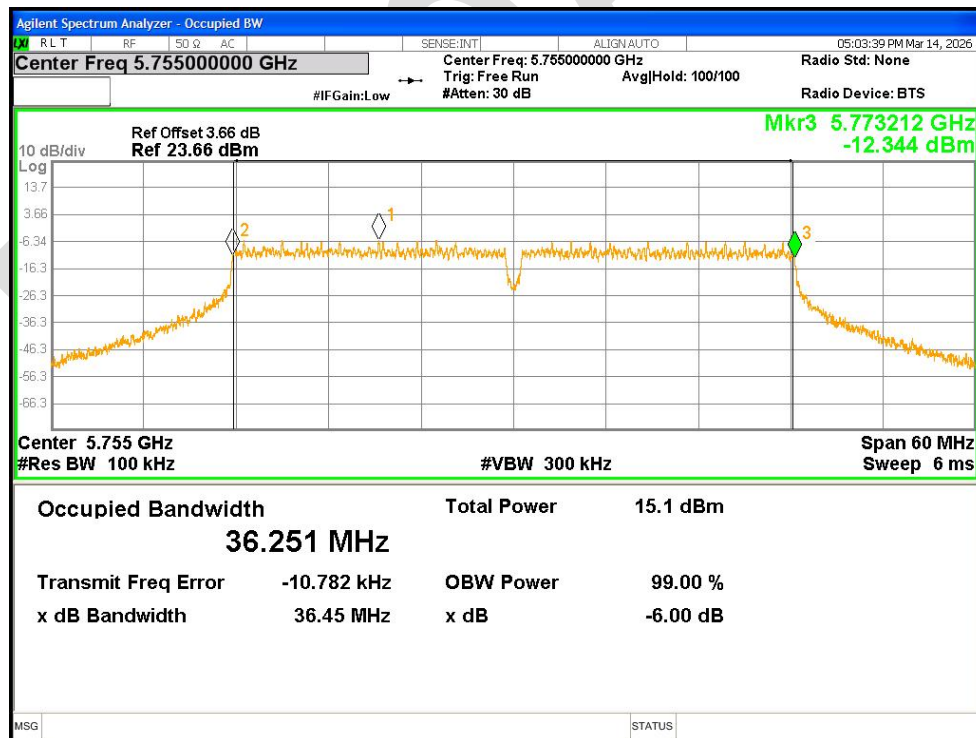
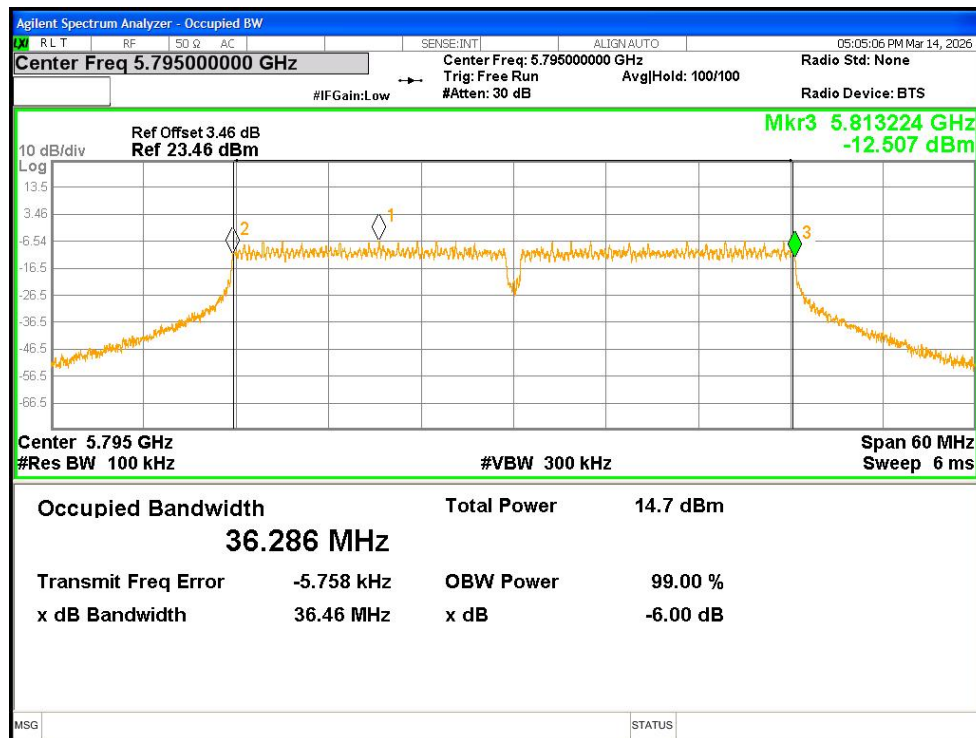




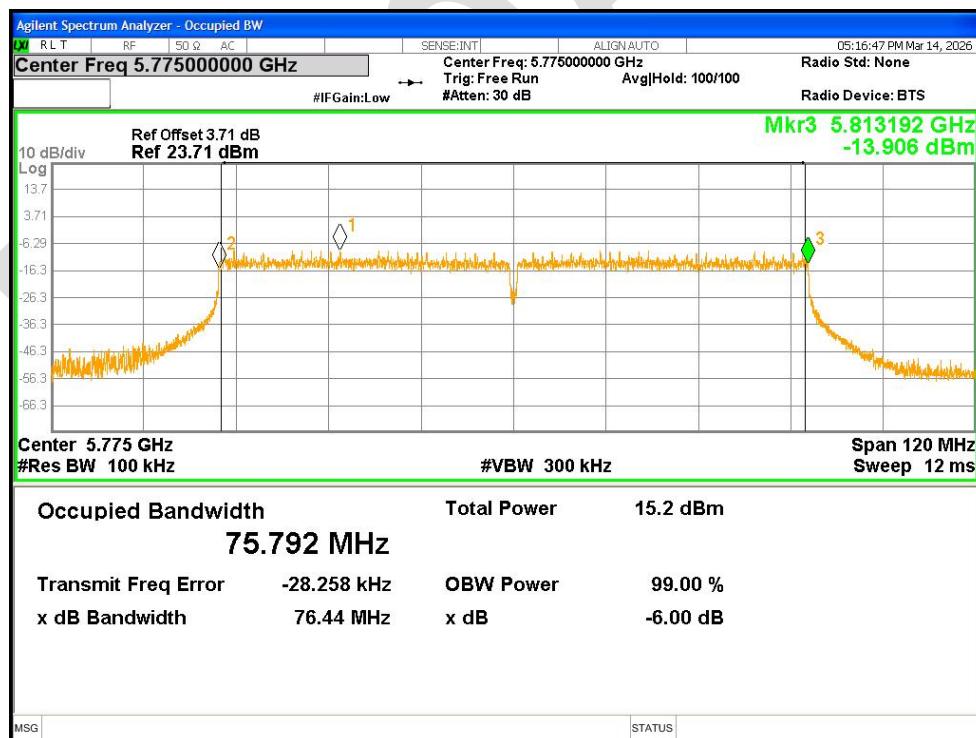
-6dB Bandwidth NVNT ac40 5755MHz Ant1



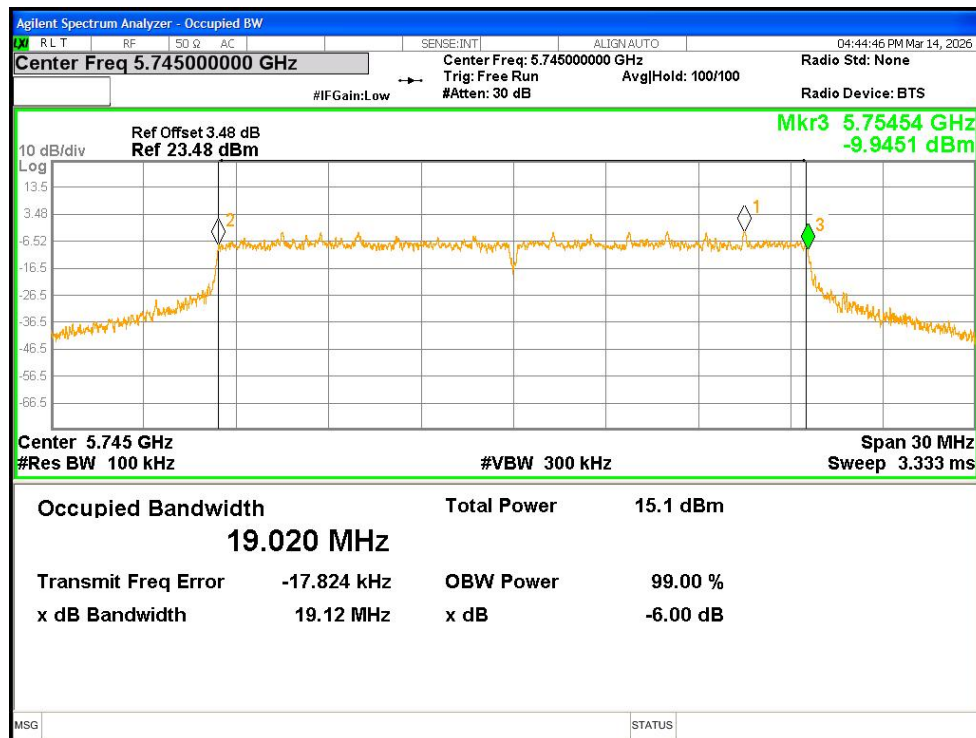
-6dB Bandwidth NVNT ac40 5795MHz Ant1



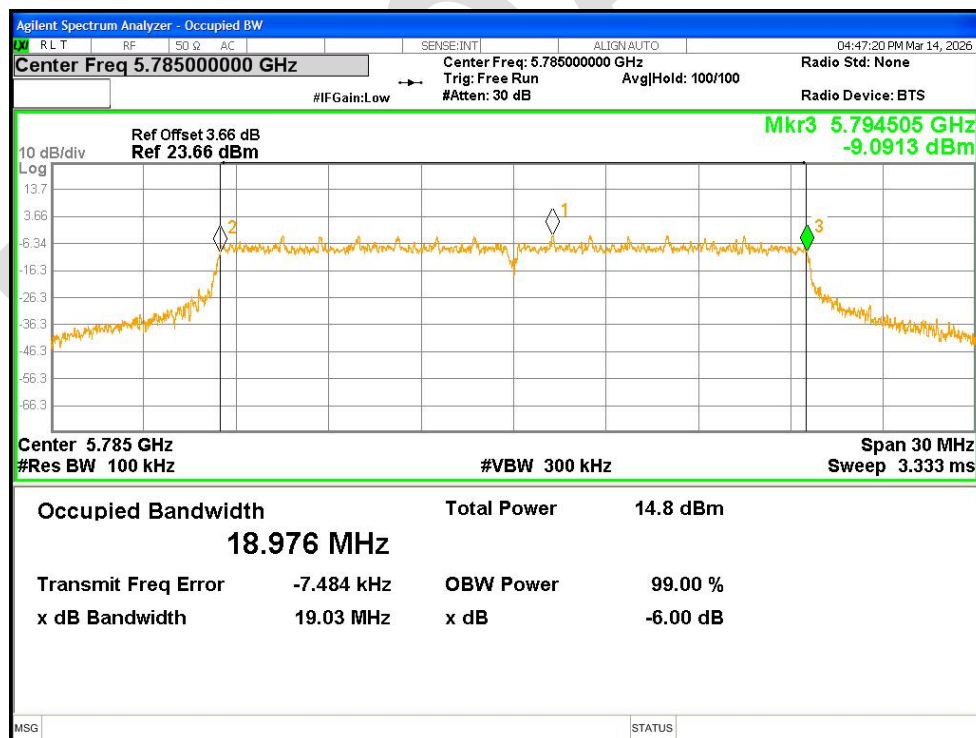
-6dB Bandwidth NVNT ac80 5775MHz Ant1



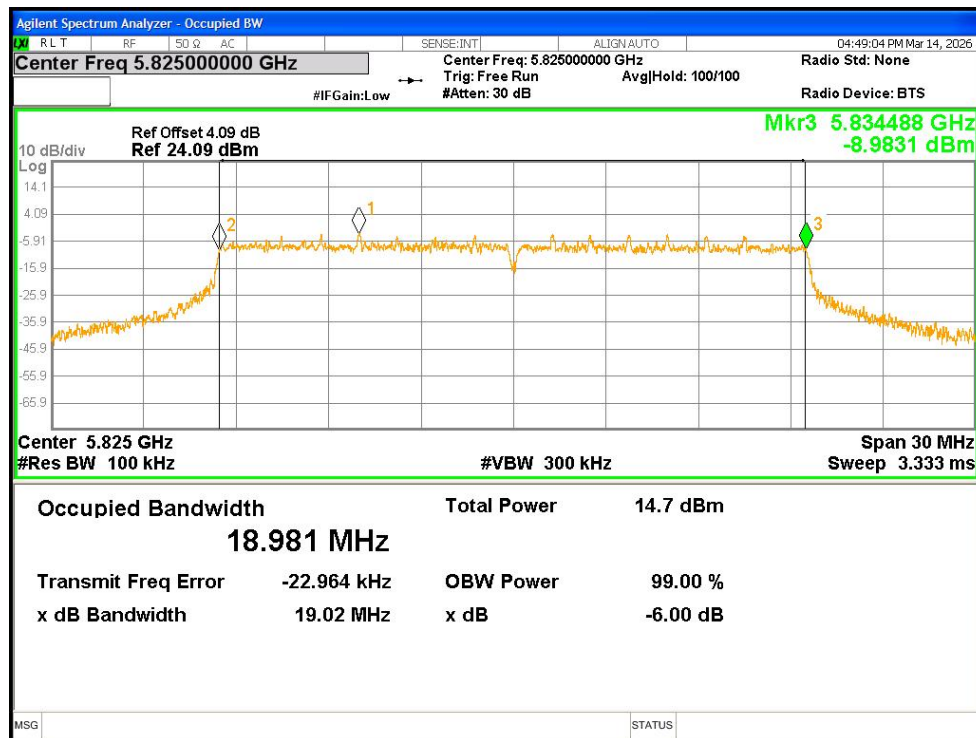
-6dB Bandwidth NVNT ax20 5745MHz Ant1



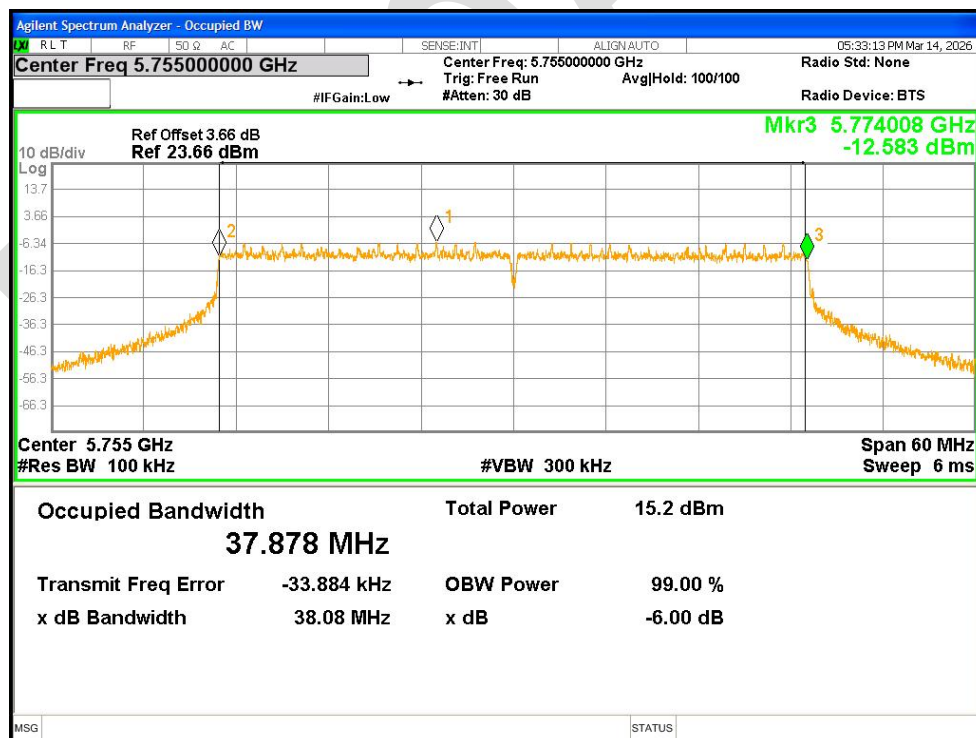
-6dB Bandwidth NVNT ax20 5785MHz Ant1



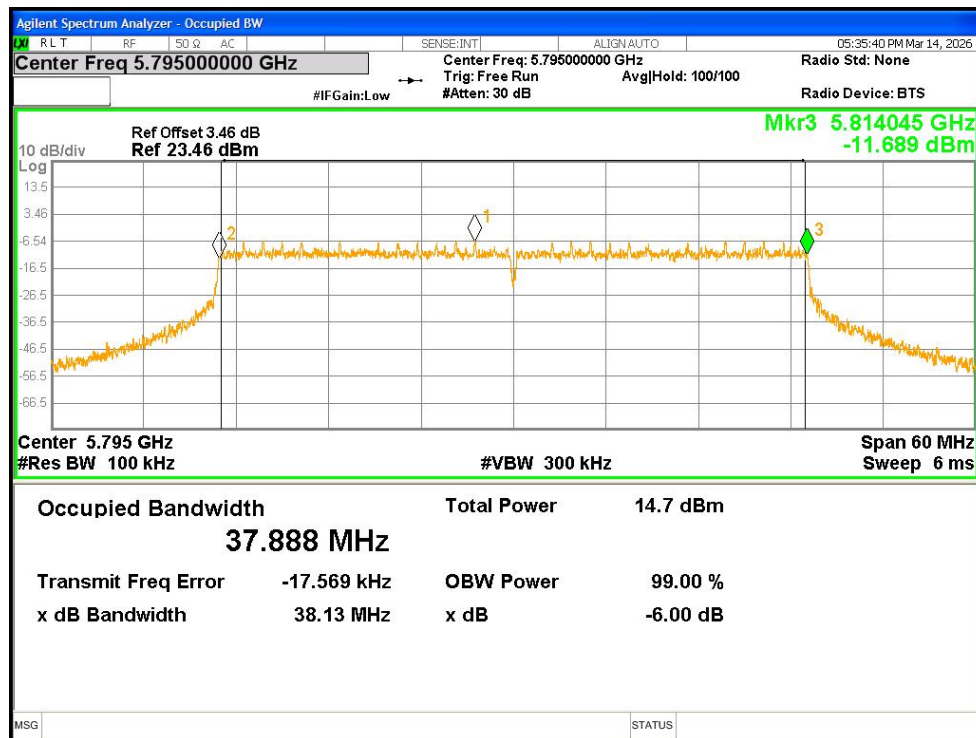
-6dB Bandwidth NVNT ax20 5825MHz Ant1



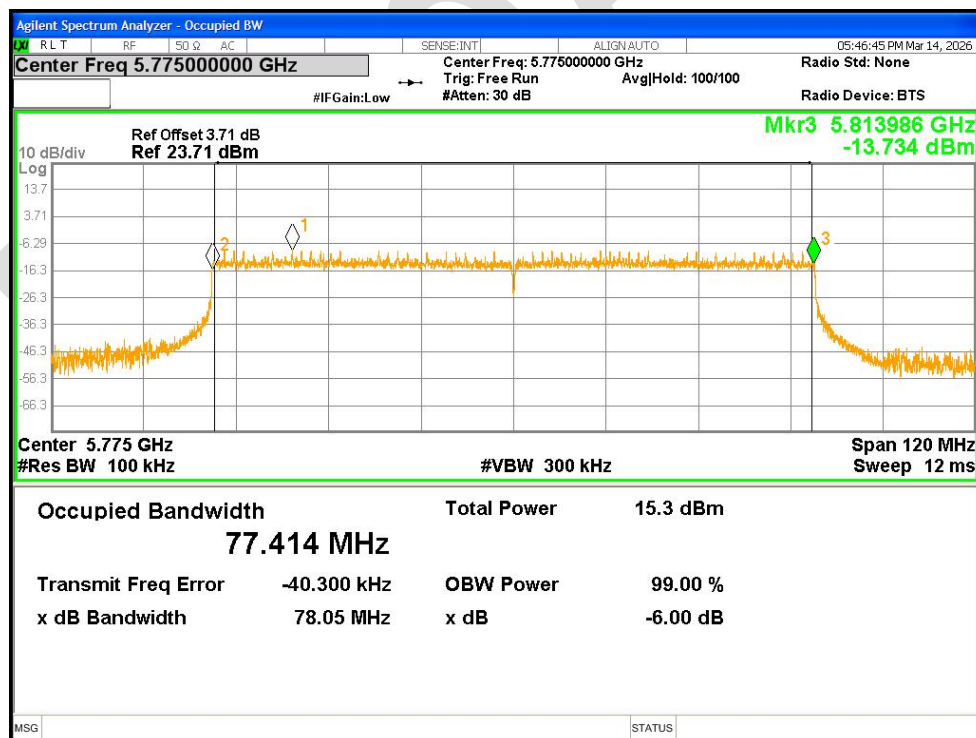
-6dB Bandwidth NVNT ax40 5755MHz Ant1



-6dB Bandwidth NVNT ax40 5795MHz Ant1



-6dB Bandwidth NVNT ax80 5775MHz Ant1



7.7 Frequency Stability

Voltage vs. Frequency Stability

Test frequency		Test conditions		Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Max. Deviation (ppm)	Limit (ppm)	Verdict
Band	Frequency	Temp(°C)	Voltage(DC)						
Band 1	(20MHz)Lowest channel=5180MHz	20	4.25	Ant1	5180.0105	10500	2.03	25	Pass
			5	Ant1	5180.0085	8500	1.64	25	Pass
			5.75	Ant1	5180.0135	13500	2.61	25	Pass
Band 1	(40MHz)Lowest channel=5190MHz	20	4.25	Ant1	5190.0205	20500	3.95	25	Pass
			5	Ant1	5190.0135	13500	2.60	25	Pass
			5.75	Ant1	5190.015	15000	2.89	25	Pass
Band 1	(80MHz)Lowest channel=5210MHz	20	4.25	Ant1	5210.04	40000	7.68	25	Pass
			5	Ant1	5210.0115	11500	2.21	25	Pass
			5.75	Ant1	5210.0235	23500	4.51	25	Pass
Band 2	(20MHz)Lowest channel=5260MHz	20	4.25	Ant1	5260.0325	32500	6.18	25	Pass
			5	Ant1	5260.036	36000	6.84	25	Pass
			5.75	Ant1	5260.0365	36500	6.94	25	Pass
Band 2	(40MHz)Lowest channel=5270MHz	20	4.25	Ant1	5270.003	3000	0.57	25	Pass
			5	Ant1	5270.0385	38500	7.31	25	Pass
			5.75	Ant1	5270.0225	22500	4.27	25	Pass
Band 2	(80MHz)Lowest channel=5290MHz	20	4.25	Ant1	5290.0025	2500	0.47	25	Pass
			5	Ant1	5290.0355	35500	6.71	25	Pass
			5.75	Ant1	5290.0075	7500	1.42	25	Pass
Band 3	(20MHz)Lowest channel=5500MHz	20	4.25	Ant1	5500.044	44000	8.00	25	Pass
			5	Ant1	5500.021	21000	3.82	25	Pass
			5.75	Ant1	5500.0075	7500	1.36	25	Pass
Band 3	(40MHz)Lowest channel=5510MHz	20	4.25	Ant1	5510.032	32000	5.81	25	Pass
			5	Ant1	5510.009	9000	1.63	25	Pass
			5.75	Ant1	5510.026	26000	4.72	25	Pass
Band 3	(80MHz)Lowest channel=5530MHz	20	4.25	Ant1	5530.0425	42500	7.69	25	Pass
			5	Ant1	5530.046	46000	8.32	25	Pass
			5.75	Ant1	5530.0315	31500	5.70	25	Pass
Band 4	(20MHz)Lowest	20	4.25	Ant1	5475.034	34000	6.21	25	Pass

	channel=5475MHz		5	Ant1	5475.0045	4500	0.82	25	Pass
			5.75	Ant1	5475.0375	37500	6.85	25	Pass
Band 4	(40MHz)Lowest channel=5755MHz	20	4.25	Ant1	5755.0375	37500	6.52	25	Pass
			5	Ant1	5755.0495	49500	8.60	25	Pass
			5.75	Ant1	5755.031	31000	5.39	25	Pass
Band 4	(80MHz)Lowest channel=5775MHz	20	4.25	Ant1	5775.0095	9500	1.65	25	Pass
			5	Ant1	5775.0495	49500	8.57	25	Pass
			5.75	Ant1	5775.029	29000	5.02	25	Pass

Temperature vs. Frequency Stability

Test frequency		Test conditions		Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Max. Deviation (ppm)	Limit (ppm)	Verdict
Band	Frequency	Voltage(DC)	Temp(°C)						
Band 1	(20MHz)Lowest channel=5180MHz	5	-20	Ant1	5180.048	48000	9.27	25	Pass
			-10	Ant1	5180.0115	11500	2.22	25	Pass
			0	Ant1	5180.048	48000	9.27	25	Pass
			10	Ant1	5180.0005	500	0.10	25	Pass
			20	Ant1	5180.03	30000	5.79	25	Pass
			30	Ant1	5180.0295	29500	5.69	25	Pass
			40	Ant1	5180.044	44000	8.49	25	Pass
			50	Ant1	5180.0095	9500	1.83	25	Pass
Band 1	(40MHz)Lowest channel=5190MHz	5	-20	Ant1	5190.009	9000	1.73	25	Pass
			-10	Ant1	5190.045	45000	8.67	25	Pass
			0	Ant1	5190.0495	49500	9.54	25	Pass
			10	Ant1	5190.0135	13500	2.60	25	Pass
			20	Ant1	5190.027	27000	5.20	25	Pass
			30	Ant1	5190.02	20000	3.85	25	Pass
			40	Ant1	5190.0375	37500	7.23	25	Pass
			50	Ant1	5190.0175	17500	3.37	25	Pass
Band 1	(80MHz)Lowest channel=5210MHz	5	-20	Ant1	5210.0285	28500	5.47	25	Pass
			-10	Ant1	5210.0355	35500	6.81	25	Pass
			0	Ant1	5210.0155	15500	2.98	25	Pass
			10	Ant1	5210.0455	45500	8.73	25	Pass
			20	Ant1	5210.046	46000	8.83	25	Pass
			30	Ant1	5210.0445	44500	8.54	25	Pass
			40	Ant1	5210.05	50000	9.60	25	Pass
			50	Ant1	5210.027	27000	5.18	25	Pass
Band 2	(20MHz)Lowest channel=5260MHz	5	-20	Ant1	5260.037	37000	7.03	25	Pass
			-10	Ant1	5260.0425	42500	8.08	25	Pass
			0	Ant1	5260.0255	25500	4.85	25	Pass
			10	Ant1	5260.012	12000	2.28	25	Pass
			20	Ant1	5260.02	20000	3.80	25	Pass
			30	Ant1	5260.032	32000	6.08	25	Pass
			40	Ant1	5260.0245	24500	4.66	25	Pass

			50	Ant1	5260.0495	49500	9.41	25	Pass
Band 2	(40MHz)Lowest channel=5270M Hz	5	-20	Ant1	5270.005	5000	0.95	25	Pass
			-10	Ant1	5270.002	2000	0.38	25	Pass
			0	Ant1	5270.003	3000	0.57	25	Pass
			10	Ant1	5270.01	10000	1.90	25	Pass
			20	Ant1	5270.019	19000	3.61	25	Pass
			30	Ant1	5270.0215	21500	4.08	25	Pass
			40	Ant1	5270.0135	13500	2.56	25	Pass
			50	Ant1	5270.036	36000	6.83	25	Pass
Band 2	(80MHz)Lowest channel=5290M Hz	5	-20	Ant1	5290.0255	25500	4.82	25	Pass
			-10	Ant1	5290.047	47000	8.88	25	Pass
			0	Ant1	5290.024	24000	4.54	25	Pass
			10	Ant1	5290.01	10000	1.89	25	Pass
			20	Ant1	5290.0435	43500	8.22	25	Pass
			30	Ant1	5290.024	24000	4.54	25	Pass
			40	Ant1	5290.0085	8500	1.61	25	Pass
			50	Ant1	5290.046	46000	8.70	25	Pass
Band 3	(20MHz)Lowest channel=5500M Hz	5	-20	Ant1	5500.0415	41500	7.55	25	Pass
			-10	Ant1	5500.015	15000	2.73	25	Pass
			0	Ant1	5500.041	41000	7.45	25	Pass
			10	Ant1	5500.0295	29500	5.36	25	Pass
			20	Ant1	5500.007	7000	1.27	25	Pass
			30	Ant1	5500.0315	31500	5.73	25	Pass
			40	Ant1	5500.005	5000	0.91	25	Pass
			50	Ant1	5500.0495	49500	9.00	25	Pass
Band 3	(40MHz)Lowest channel=5510M Hz	5	-20	Ant1	5510.047	47000	8.53	25	Pass
			-10	Ant1	5510.0345	34500	6.26	25	Pass
			0	Ant1	5510.0395	39500	7.17	25	Pass
			10	Ant1	5510.044	44000	7.99	25	Pass
			20	Ant1	5510.0475	47500	8.62	25	Pass
			30	Ant1	5510.0435	43500	7.89	25	Pass
			40	Ant1	5510.029	29000	5.26	25	Pass
			50	Ant1	5510.0245	24500	4.45	25	Pass
Band 3	(80MHz)Lowest	5	-20	Ant1	5530.0275	27500	4.97	25	Pass

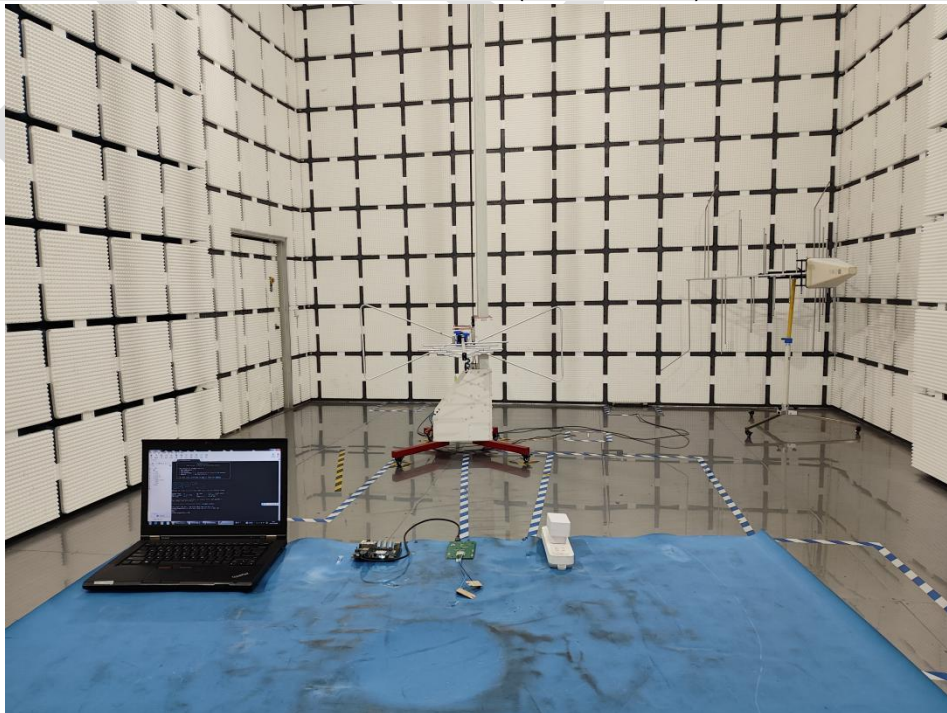
	channel=5530M Hz		-10	Ant1	5530.022	22000	3.98	25	Pass
			0	Ant1	5530.0445	44500	8.05	25	Pass
			10	Ant1	5530.006	6000	1.08	25	Pass
			20	Ant1	5530.0075	7500	1.36	25	Pass
			30	Ant1	5530.0255	25500	4.61	25	Pass
			40	Ant1	5530.0225	22500	4.07	25	Pass
			50	Ant1	5530.0025	2500	0.45	25	Pass
Band 4	(20MHz)Lowest channel=5475M Hz	5	-20	Ant1	5475.0065	6500	1.19	25	Pass
			-10	Ant1	5475.0145	14500	2.65	25	Pass
			0	Ant1	5475.0015	1500	0.27	25	Pass
			10	Ant1	5475.003	3000	0.55	25	Pass
			20	Ant1	5475.0295	29500	5.39	25	Pass
			30	Ant1	5475.0485	48500	8.86	25	Pass
			40	Ant1	5475.013	13000	2.37	25	Pass
			50	Ant1	5475.0195	19500	3.56	25	Pass
Band 4	(40MHz)Lowest channel=5755M Hz	5	-20	Ant1	5755.0145	14500	2.52	25	Pass
			-10	Ant1	5755.01	10000	1.74	25	Pass
			0	Ant1	5755.0155	15500	2.69	25	Pass
			10	Ant1	5755.027	27000	4.69	25	Pass
			20	Ant1	5755.005	5000	0.87	25	Pass
			30	Ant1	5755.013	13000	2.26	25	Pass
			40	Ant1	5755.04	40000	6.95	25	Pass
			50	Ant1	5755.014	14000	2.43	25	Pass
Band 4	(80MHz)Lowest channel=5775M Hz	5	-20	Ant1	5775.044	44000	7.62	25	Pass
			-10	Ant1	5775.035	35000	6.06	25	Pass
			0	Ant1	5775.0175	17500	3.03	25	Pass
			10	Ant1	5775.047	47000	8.14	25	Pass
			20	Ant1	5775.006	6000	1.04	25	Pass
			30	Ant1	5775.037	37000	6.41	25	Pass
			40	Ant1	5775.0175	17500	3.03	25	Pass
			50	Ant1	5775.0185	18500	3.20	25	Pass

Appendix B: photographs of test setup

Conducted emissions at AC power line (150 kHz-30 MHz)



Radiated Emissions (30MHz-1GHz)



Radiated Emissions (above 1GHz)



RF TEST



Appendix C: photographs of EUT

Reference to the test report no. BLA-EMC-202602-A1401

----END OF REPORT----

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