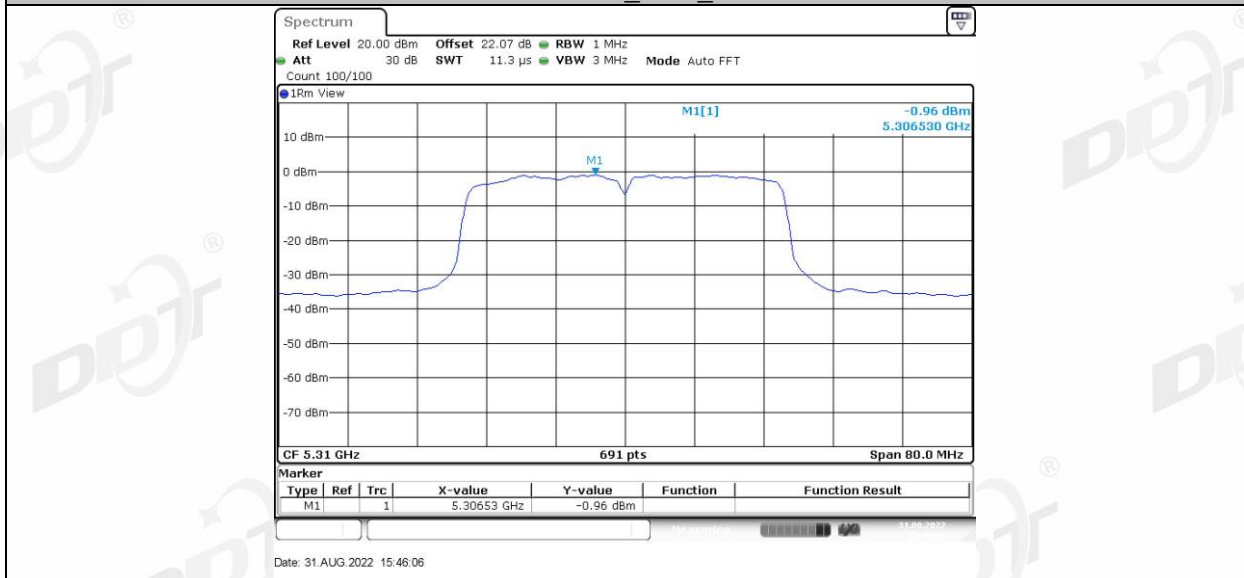
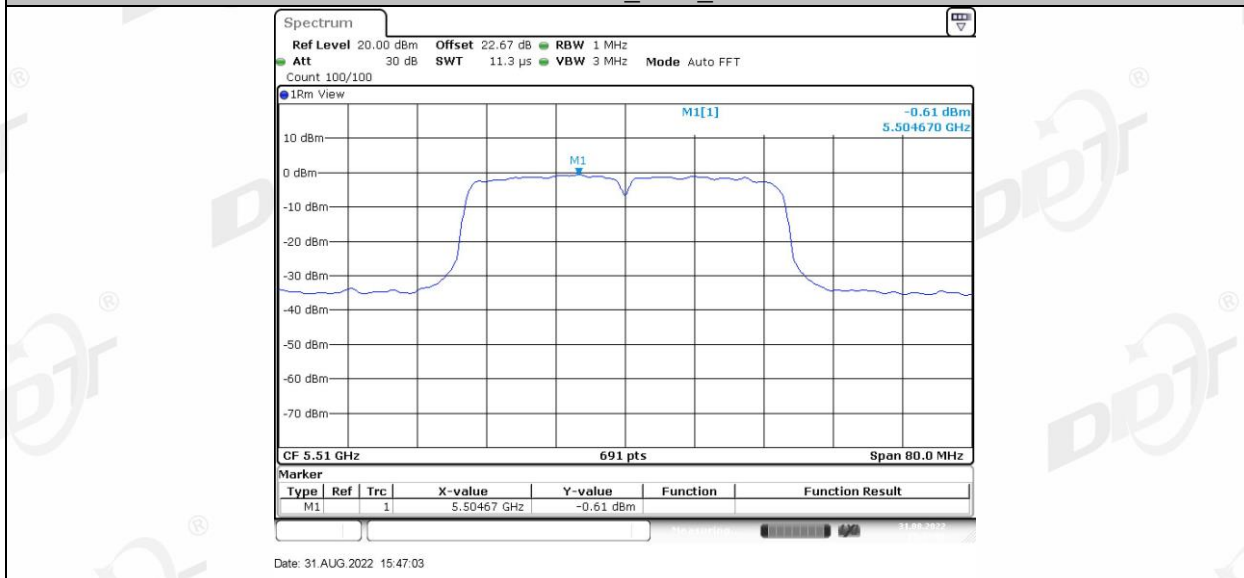


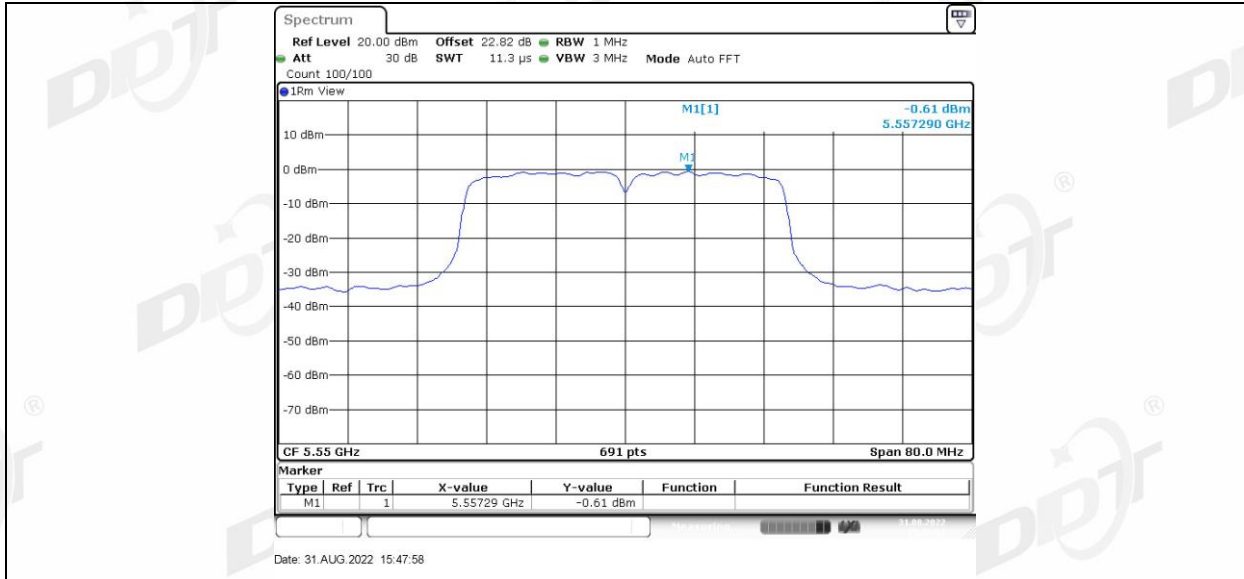
11N40SISO_Ant1_5310



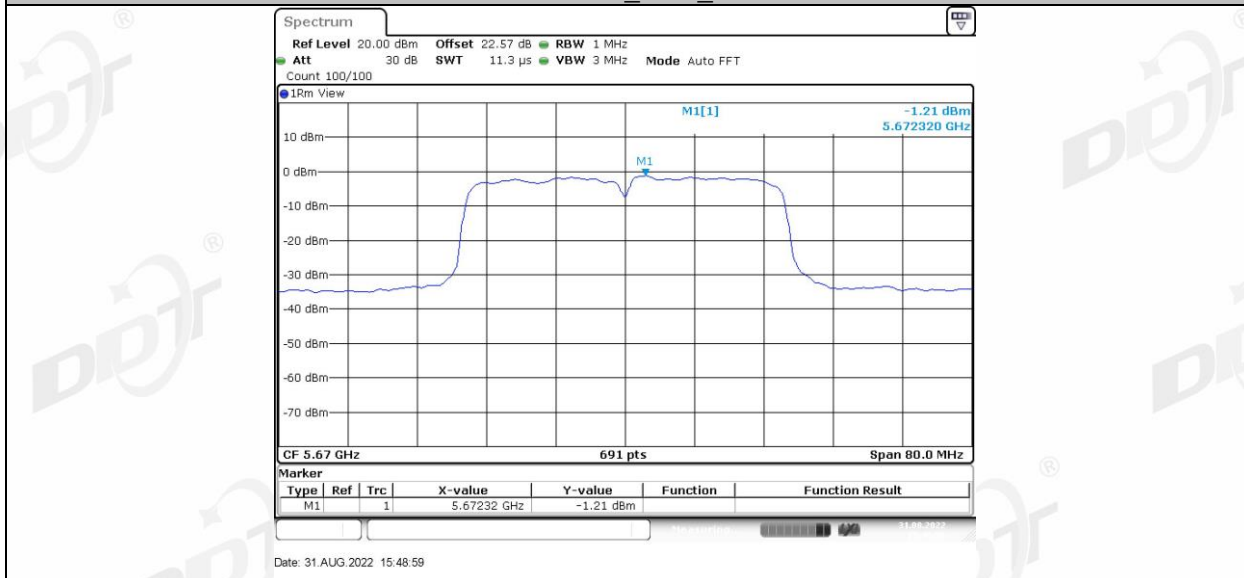
11N40SISO_Ant1_5510



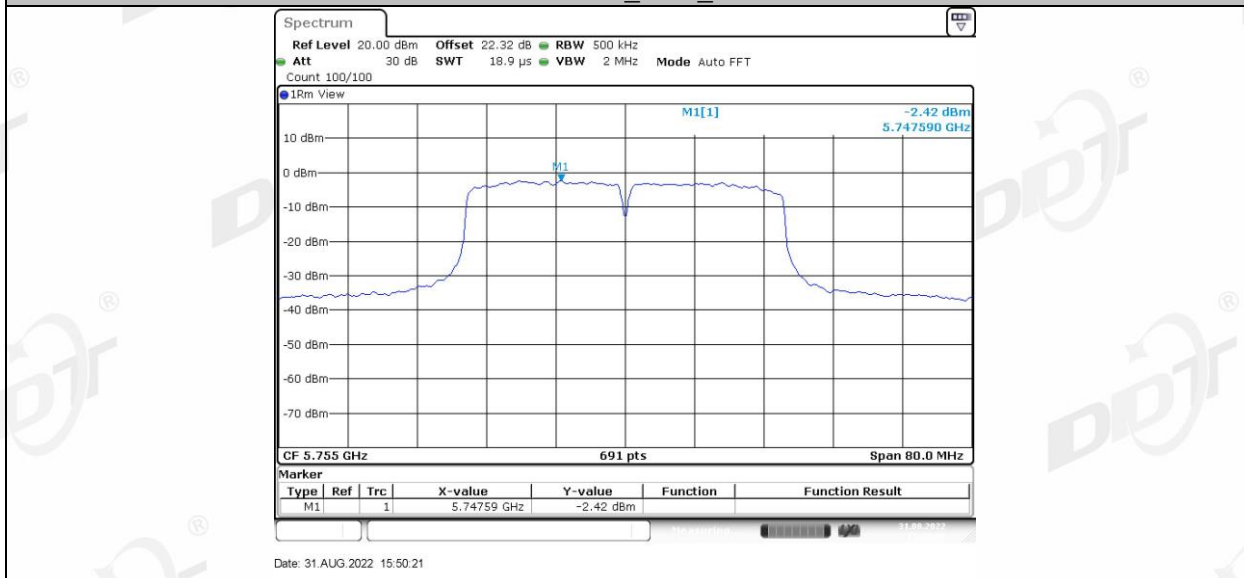
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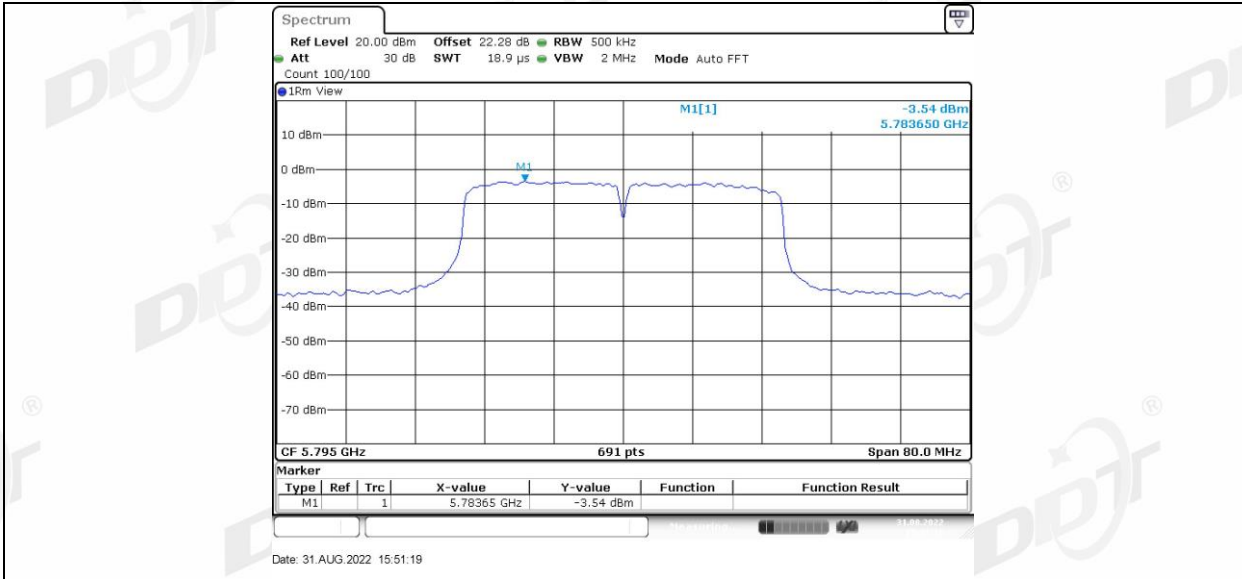
11N40SISO_Ant1_5670



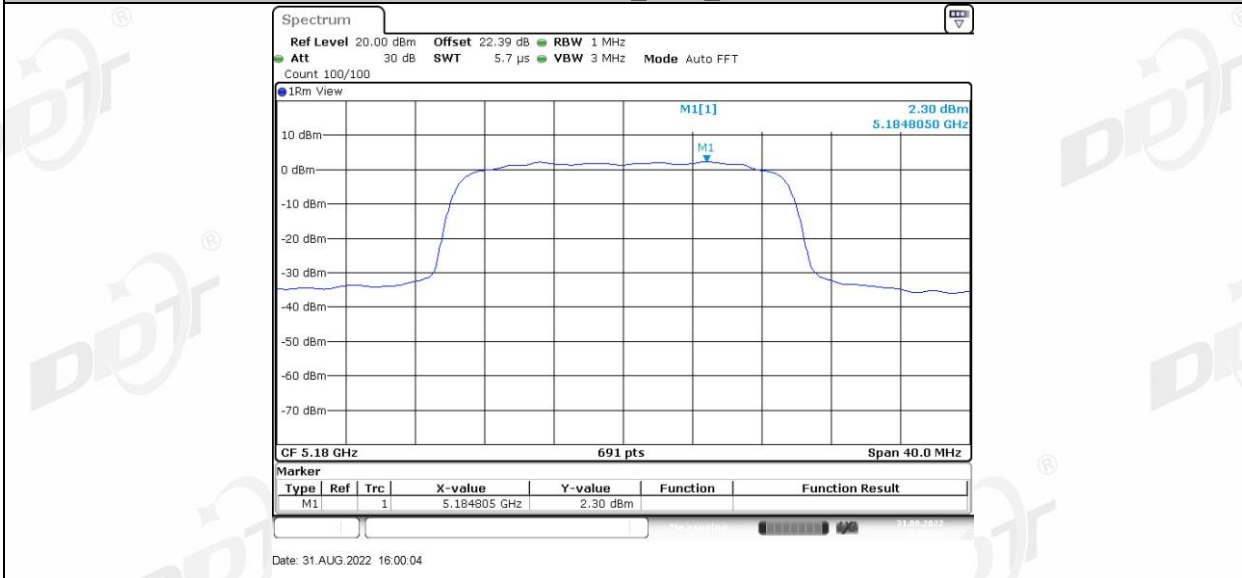
11N40SISO_Ant1_5755



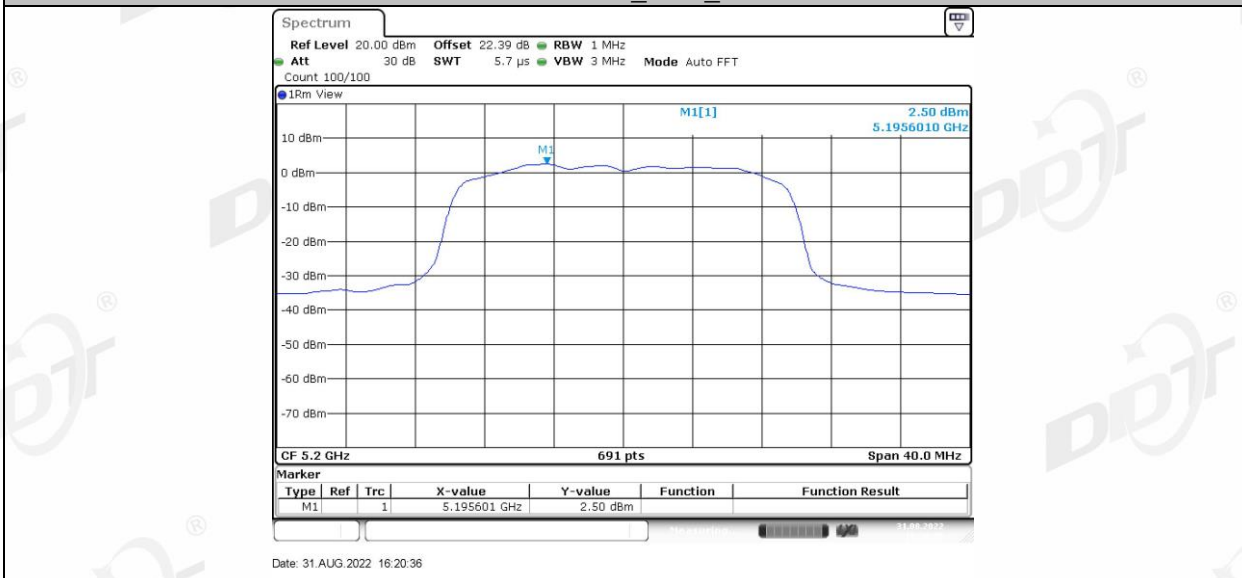
11N40SISO_Ant1_5795



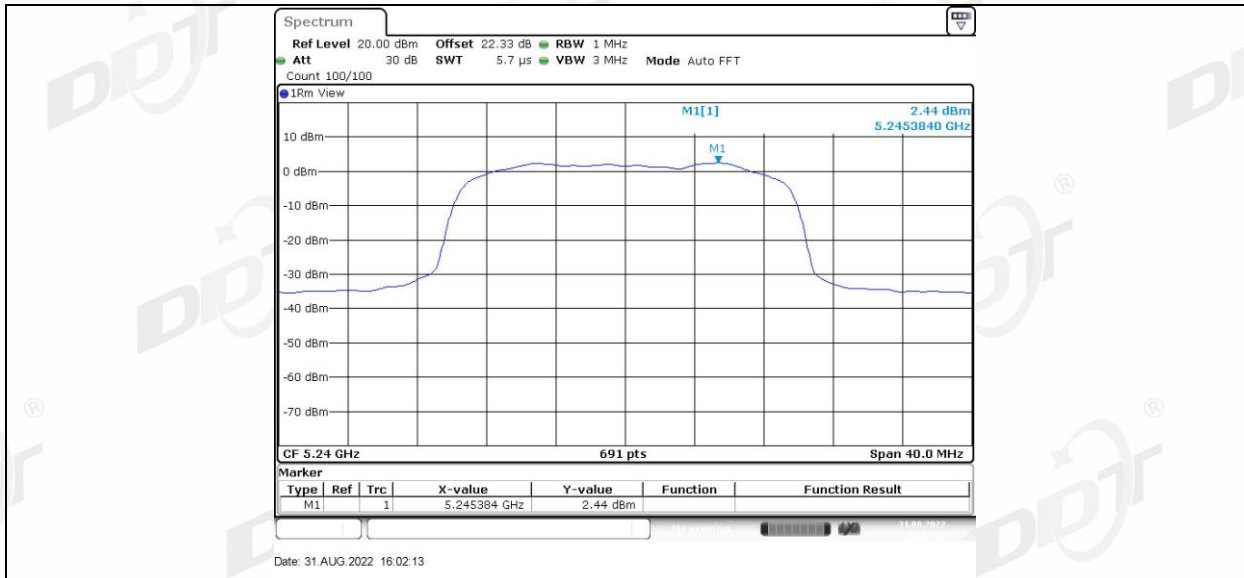
11AX20SISO_Ant1_5180



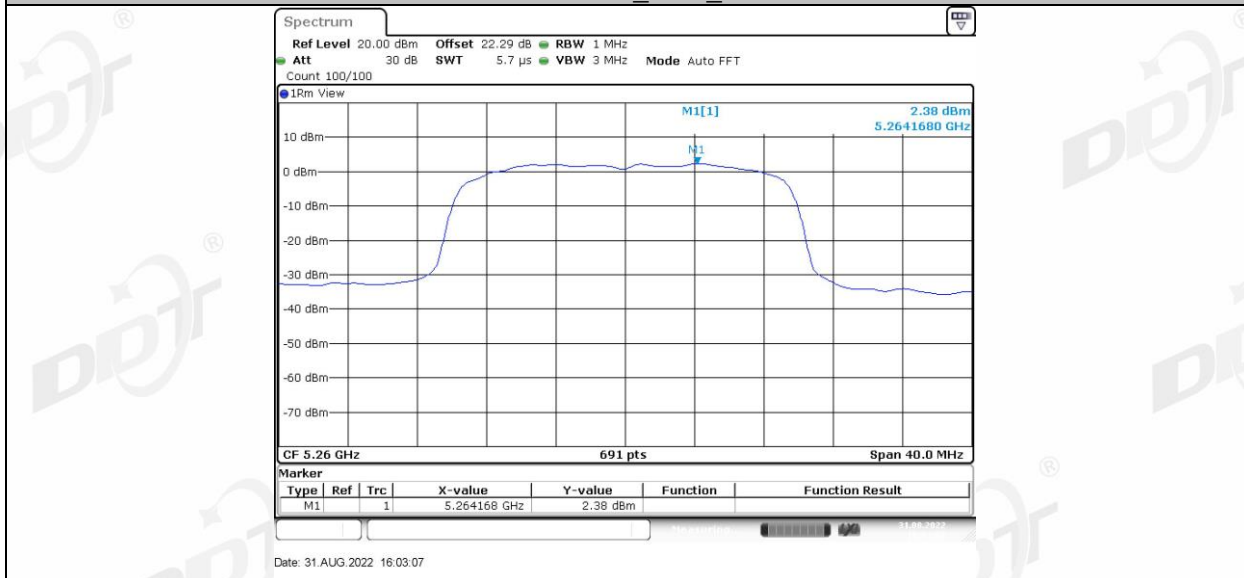
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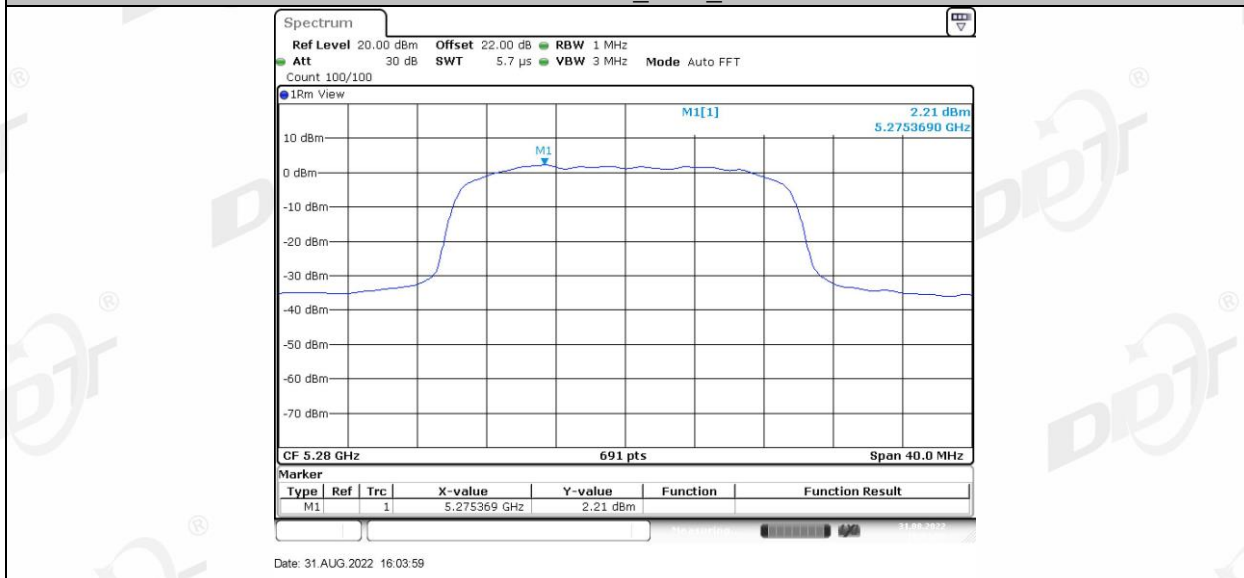
11AX20SISO_Ant1_5240



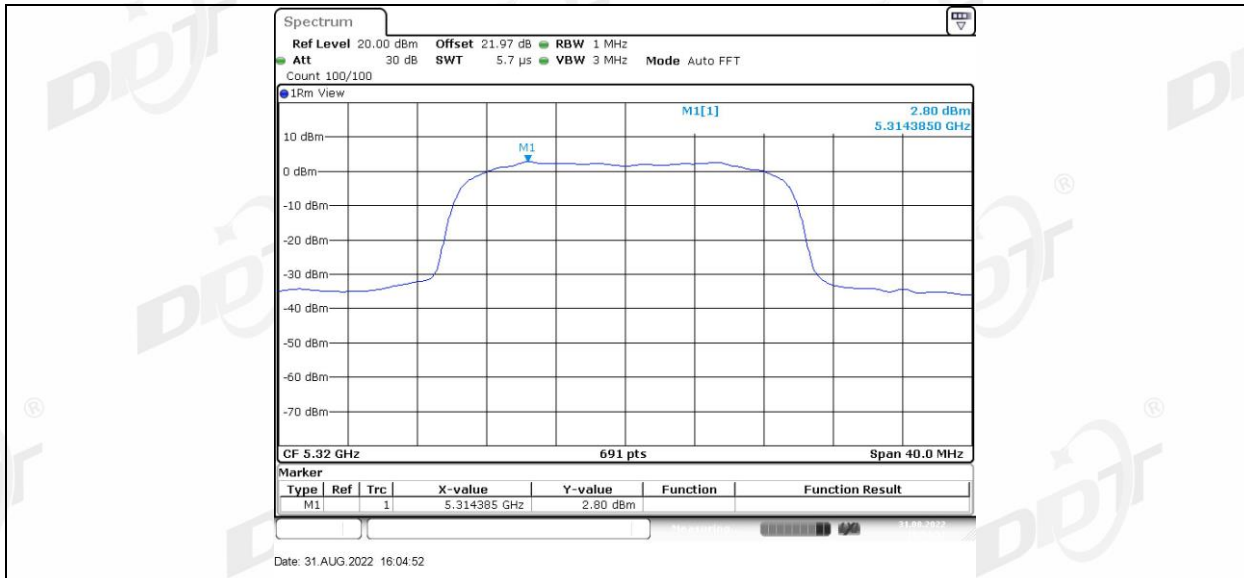
11AX20SISO_Ant1_5260



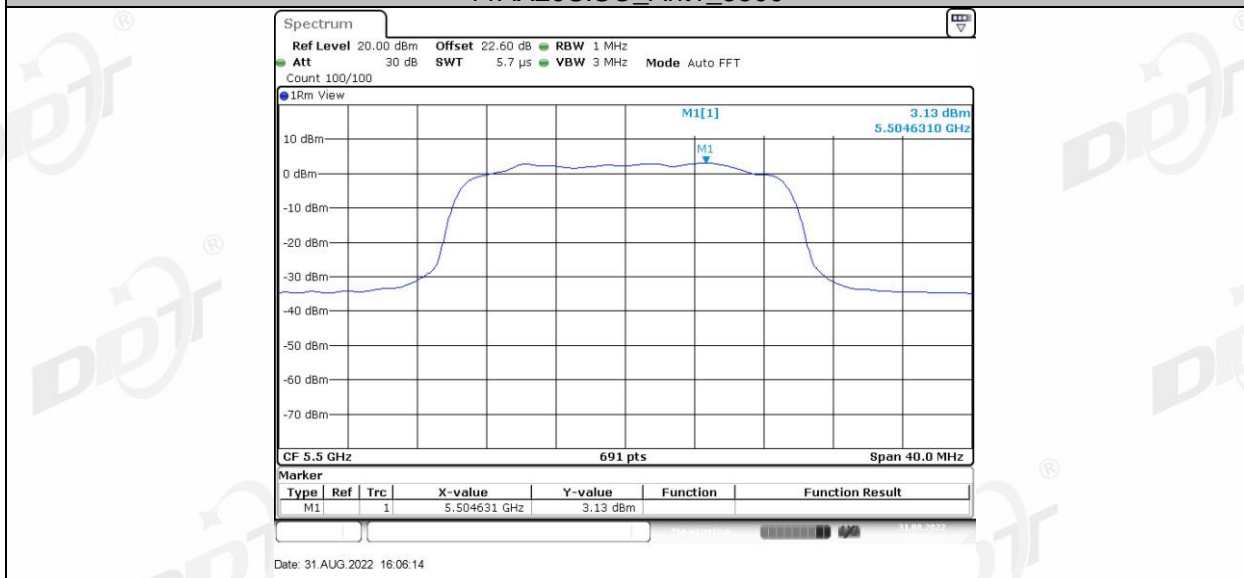
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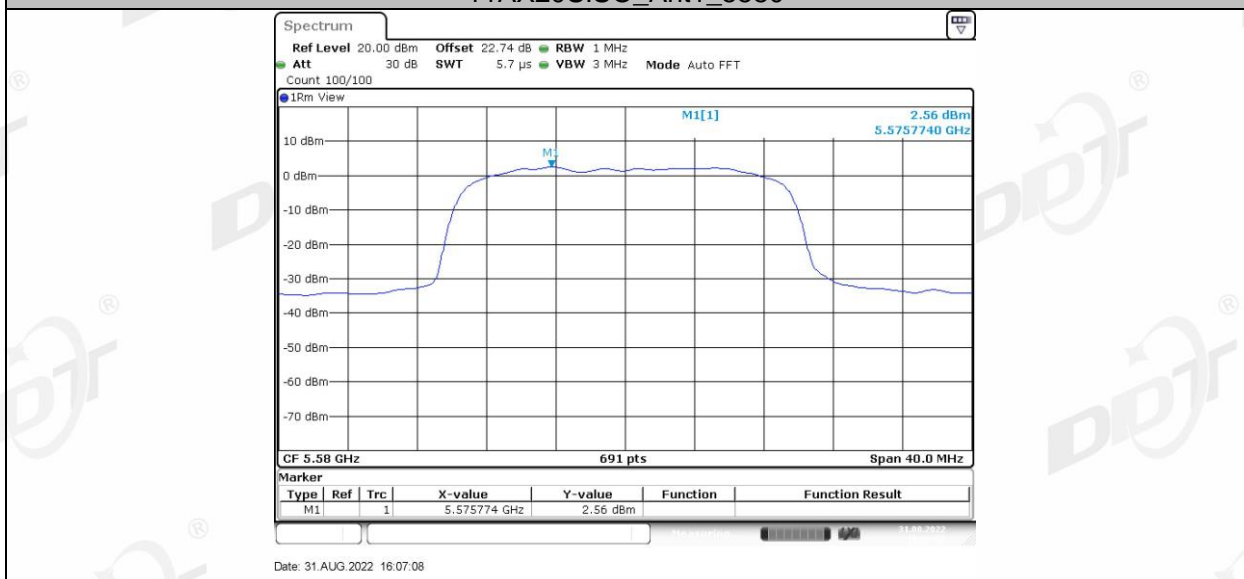
11AX20SISO_Ant1_5320



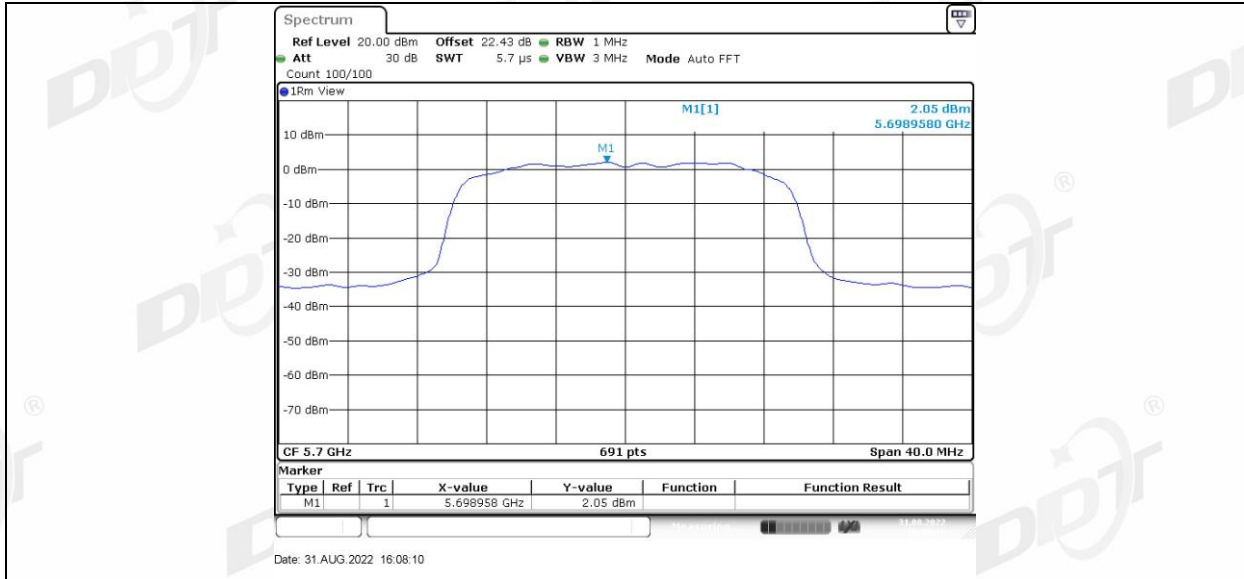
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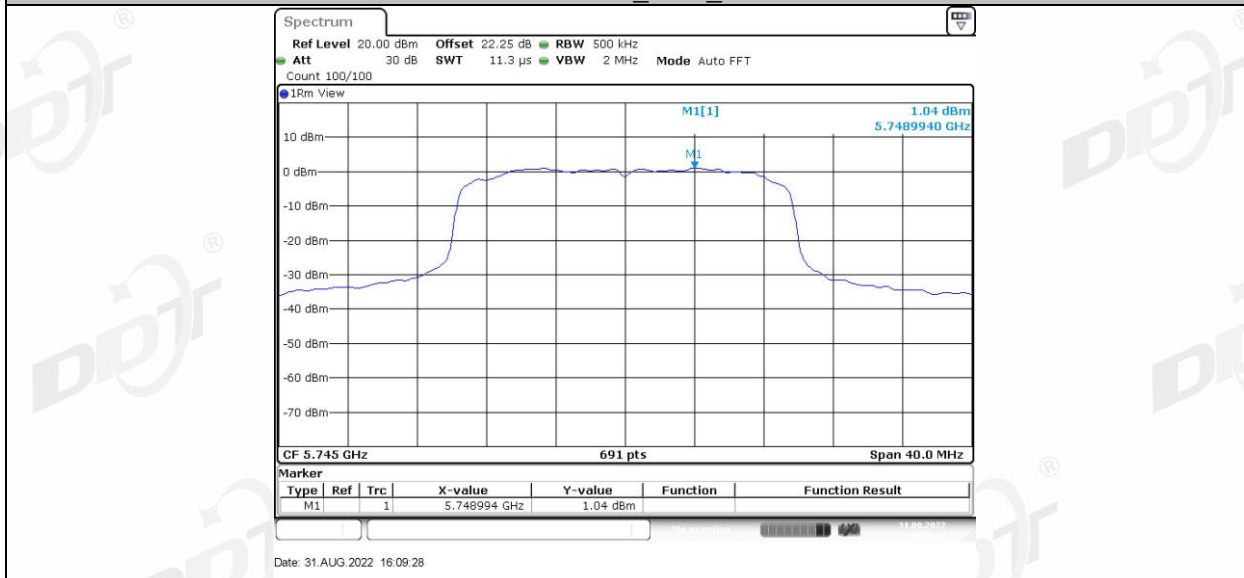
11AX20SISO_Ant1_5580



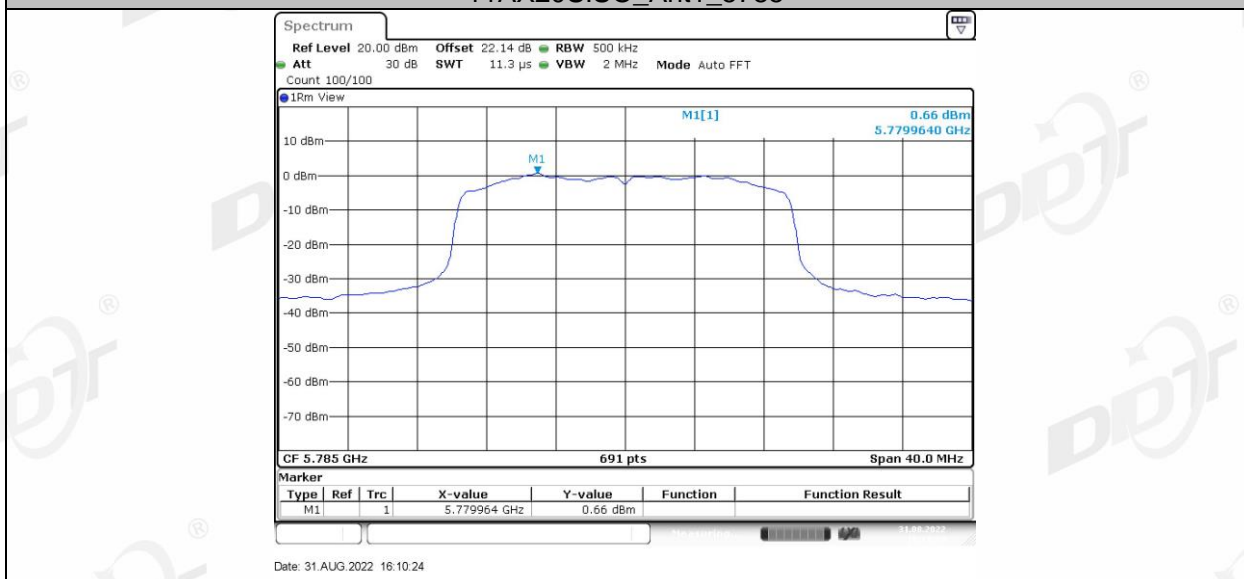
11AX20SISO_Ant1_5700



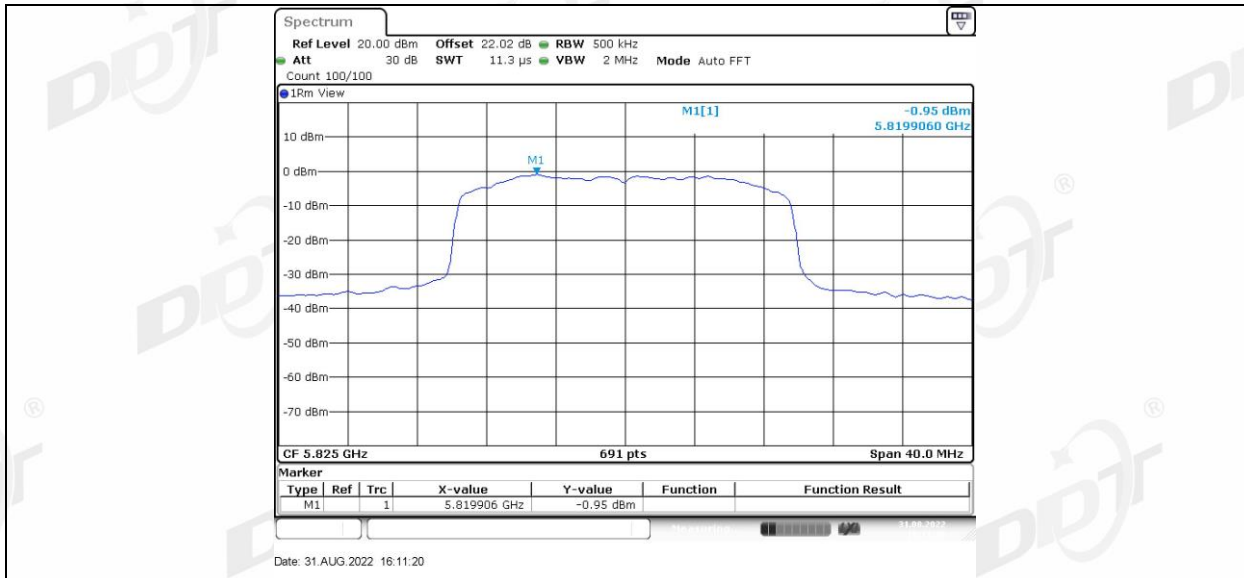
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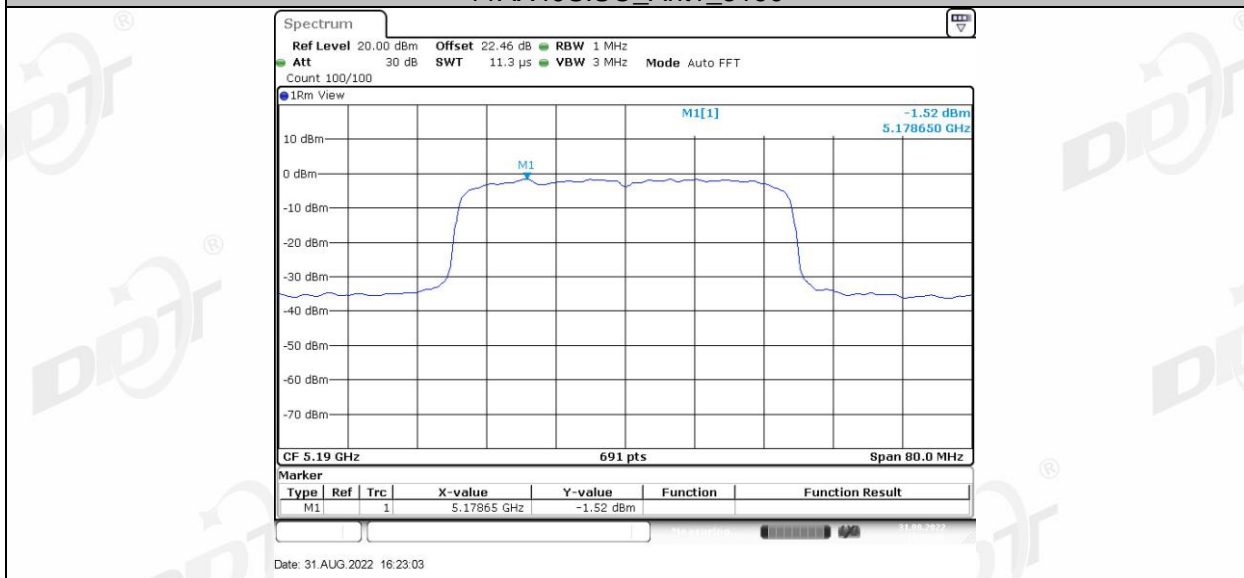
11AX20SISO_Ant1_5785



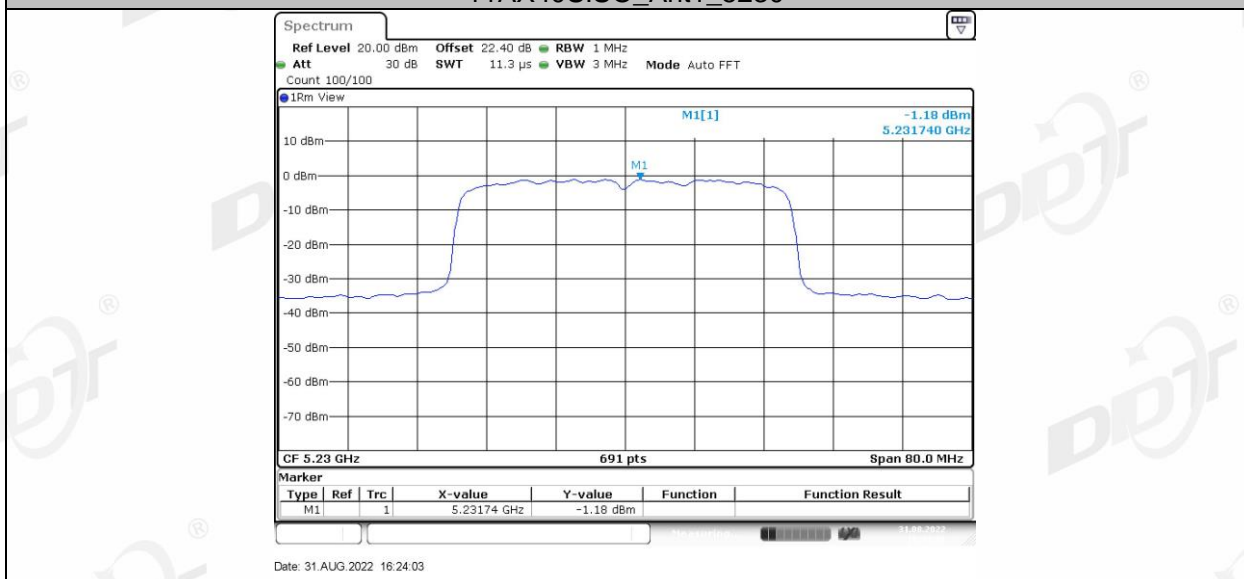
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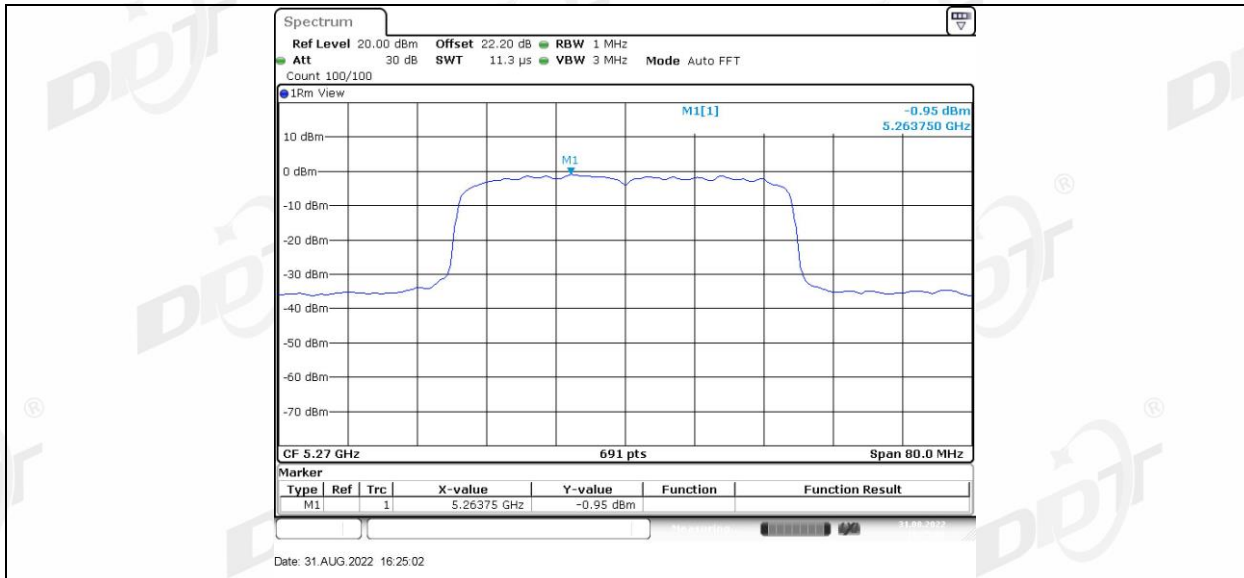
11AX40SISO_Ant1_5190



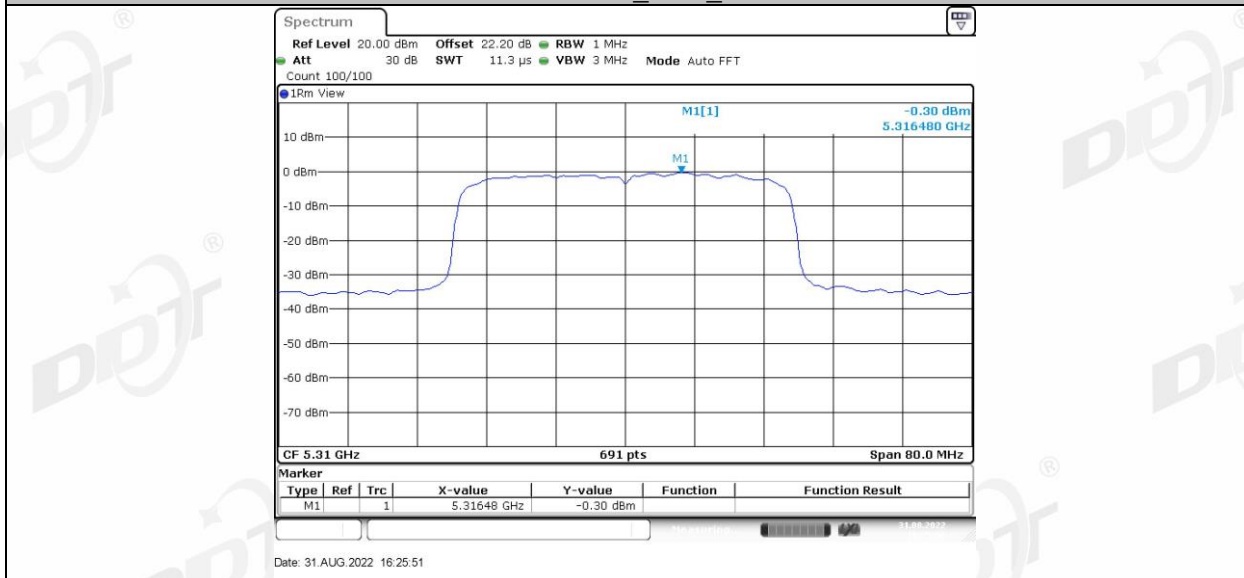
11AX40SISO_Ant1_5230



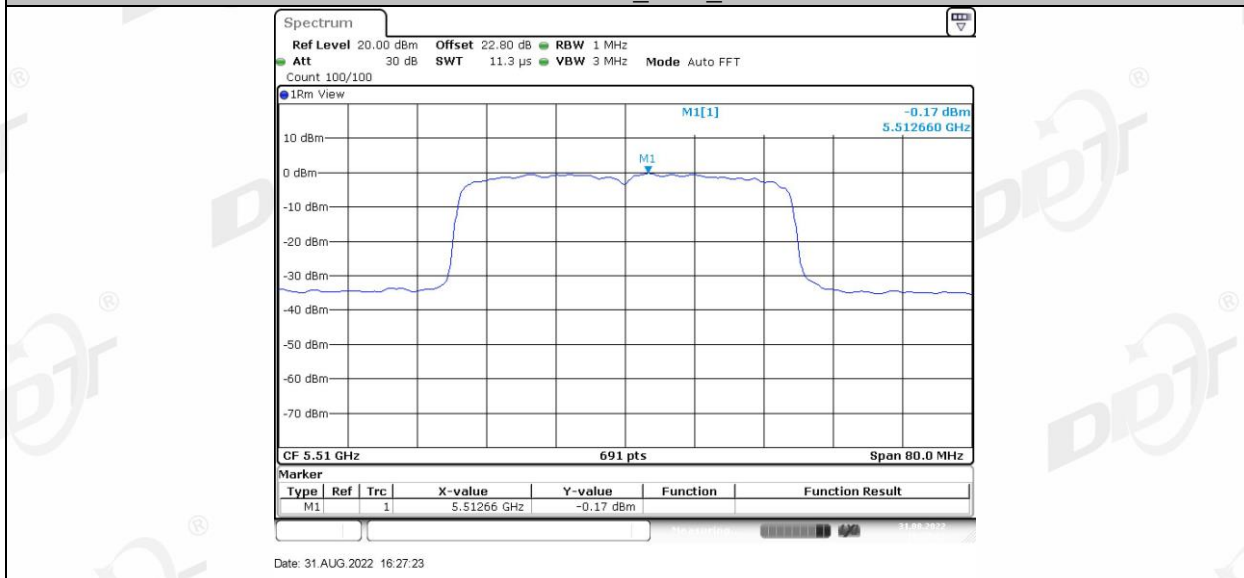
11AX40SISO_Ant1_5270



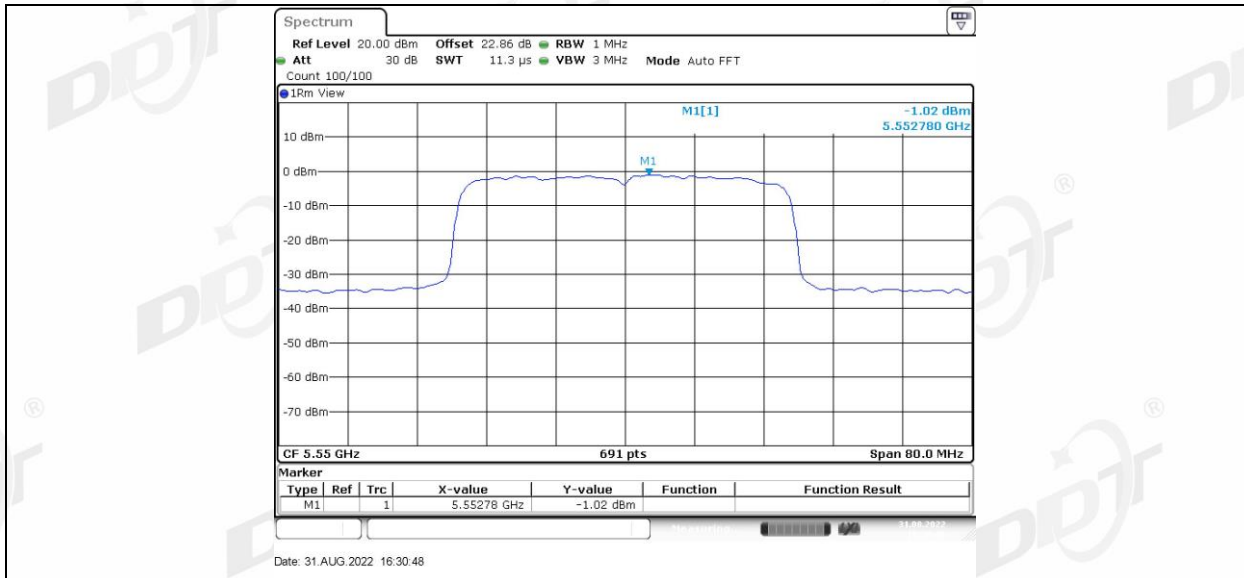
11AX40SISO_Ant1_5310



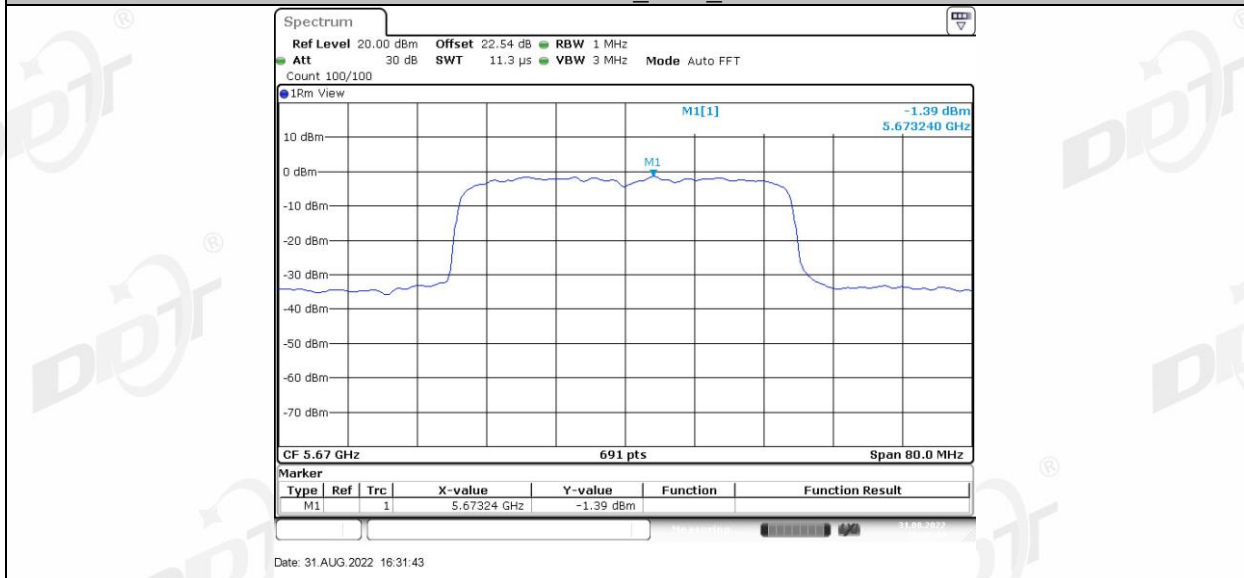
11AX40SISO_Ant1_5510



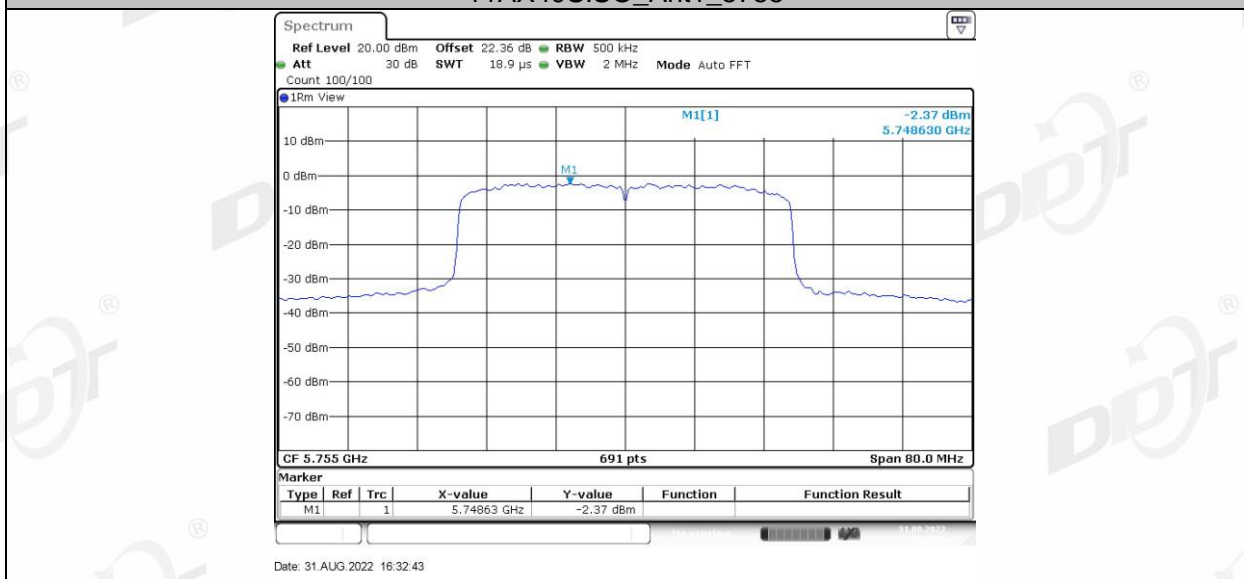
11AX40SISO_Ant1_5550



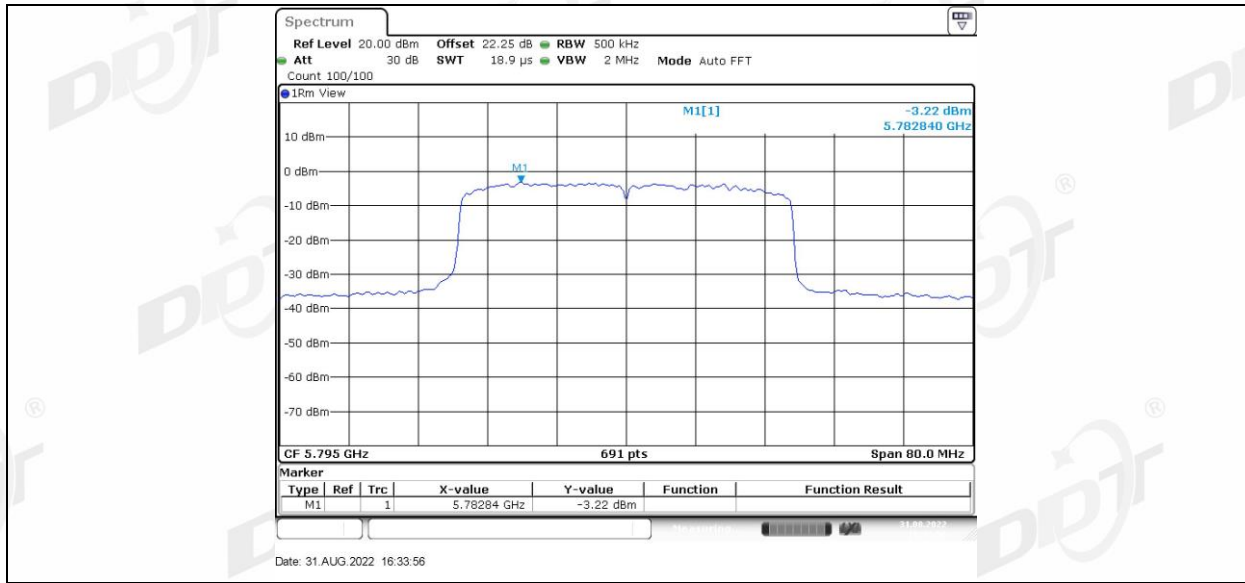
11AX40SISO_Ant1_5670



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



7. Frequency Stability Measurement

7.1. Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

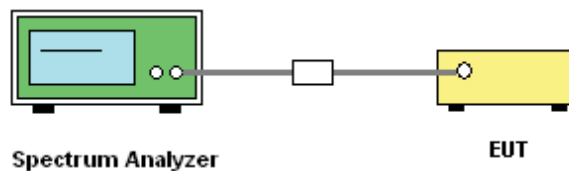
7.2. Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

7.3. Test Procedures

- (1) To ensure emission at the band edge is maintained within the authorized band, those values shall be measured by radiation emissions at upper and lower frequency points, and finally compensated by frequency deviation as procedures below.
- (2) The EUT was operated at the maximum output power, and connected to the spectrum analyzer, which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10 dB lower than the measured peak value.
- (3) The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.

7.4. Test Setup



7.5. Test Result

Test Mode	Antenna	Channel	Voltage					Limit (ppm)	Verdict
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)			
11A	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS	
			LV	NT	-20000.00	-3.861004	20	PASS	
			HV	NT	-40000.00	-7.722008	20	PASS	
		5200	NV	NT	-40000.00	-7.692308	20	PASS	
			LV	NT	-20000.00	-3.846154	20	PASS	
			HV	NT	-20000.00	-3.846154	20	PASS	
		5240	NV	NT	-20000.00	-3.816794	20	PASS	
			LV	NT	0.00	0.000000	20	PASS	
			HV	NT	-20000.00	-3.816794	20	PASS	
		5260	NV	NT	-20000.00	-3.802281	20	PASS	
			LV	NT	-20000.00	-3.802281	20	PASS	
			HV	NT	-20000.00	-3.802281	20	PASS	
5280	NV	NT	-20000.00	-3.787879	20	PASS			
	LV	NT	-20000.00	-3.787879	20	PASS			
	HV	NT	-20000.00	-3.787879	20	PASS			

		5320	NV	NT	-20000.00	-3.759398	20	PASS
			LV	NT	-20000.00	-3.759398	20	PASS
			HV	NT	-20000.00	-3.759398	20	PASS
		5500	NV	NT	-20000.00	-3.636364	20	PASS
			LV	NT	-20000.00	-3.636364	20	PASS
			HV	NT	-20000.00	-3.636364	20	PASS
		5580	NV	NT	-20000.00	-3.584229	20	PASS
			LV	NT	-20000.00	-3.584229	20	PASS
			HV	NT	-20000.00	-3.584229	20	PASS
		5700	NV	NT	-20000.00	-3.508772	20	PASS
			LV	NT	-20000.00	-3.508772	20	PASS
			HV	NT	-20000.00	-3.508772	20	PASS
		5745	NV	NT	-20000.00	-3.481288	20	PASS
			LV	NT	-20000.00	-3.481288	20	PASS
			HV	NT	-40000.00	-6.962576	20	PASS
		5785	NV	NT	-20000.00	-3.457217	20	PASS
			LV	NT	-40000.00	-6.914434	20	PASS
			HV	NT	-20000.00	-3.457217	20	PASS
		5825	NV	NT	-20000.00	-3.433476	20	PASS
			LV	NT	-40000.00	-6.866953	20	PASS
			HV	NT	-20000.00	-3.433476	20	PASS
		5180	NV	NT	-40000.00	-7.722008	20	PASS
			LV	NT	-40000.00	-7.722008	20	PASS
			HV	NT	-40000.00	-7.722008	20	PASS
		5200	NV	NT	-20000.00	-3.846154	20	PASS
			LV	NT	-20000.00	-3.846154	20	PASS
			HV	NT	-60000.00	-11.538462	20	PASS
		5240	NV	NT	-60000.00	-11.450382	20	PASS
			LV	NT	-60000.00	-11.450382	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
5260	NV	NT	-40000.00	-7.604563	20	PASS		
	LV	NT	0.00	0.000000	20	PASS		
	HV	NT	-20000.00	-3.802281	20	PASS		
5280	NV	NT	-40000.00	-7.575758	20	PASS		
	LV	NT	-20000.00	-3.787879	20	PASS		
	HV	NT	0.00	0.000000	20	PASS		
5320	NV	NT	-20000.00	-3.759398	20	PASS		
	LV	NT	-40000.00	-7.518797	20	PASS		
	HV	NT	-20000.00	-3.759398	20	PASS		
5500	NV	NT	-40000.00	-7.272727	20	PASS		
	LV	NT	-20000.00	-3.636364	20	PASS		
	HV	NT	-20000.00	-3.636364	20	PASS		
5580	NV	NT	0.00	0.000000	20	PASS		
	LV	NT	-20000.00	-3.584229	20	PASS		
	HV	NT	-20000.00	-3.584229	20	PASS		
5700	NV	NT	-40000.00	-7.017544	20	PASS		
	LV	NT	-20000.00	-3.508772	20	PASS		
	HV	NT	-20000.00	-3.508772	20	PASS		
5745	NV	NT	-40000.00	-6.962576	20	PASS		
	LV	NT	-40000.00	-6.962576	20	PASS		
	HV	NT	-40000.00	-6.962576	20	PASS		

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Ant1

		5785	NV	NT	-40000.00	-6.914434	20	PASS
			LV	NT	-40000.00	-6.914434	20	PASS
			HV	NT	-20000.00	-3.457217	20	PASS
		5825	NV	NT	-20000.00	-3.433476	20	PASS
			LV	NT	-20000.00	-3.433476	20	PASS
			HV	NT	-40000.00	-6.866953	20	PASS
11N40SISO	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
			LV	NT	-40000.00	-7.707129	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5230	NV	NT	-40000.00	-7.648184	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-7.648184	20	PASS
		5270	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-7.590133	20	PASS
			HV	NT	-40000.00	-7.590133	20	PASS
		5310	NV	NT	-40000.00	-7.532957	20	PASS
			LV	NT	-40000.00	-7.532957	20	PASS
			HV	NT	-40000.00	-7.532957	20	PASS
		5510	NV	NT	-40000.00	-7.259528	20	PASS
			LV	NT	-40000.00	-7.259528	20	PASS
			HV	NT	-40000.00	-7.259528	20	PASS
		5550	NV	NT	-40000.00	-7.207207	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-80000.00	-14.414414	20	PASS
		5670	NV	NT	-80000.00	-14.109347	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-7.054674	20	PASS
		5755	NV	NT	-80000.00	-13.900956	20	PASS
			LV	NT	-40000.00	-6.950478	20	PASS
			HV	NT	-40000.00	-6.950478	20	PASS
		5795	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-6.902502	20	PASS
			HV	NT	-40000.00	-6.902502	20	PASS
11AX20SISO	Ant1	5180	NV	NT	-40000.00	-7.722008	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5200	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-7.692308	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
		5240	NV	NT	-20000.00	-3.816794	20	PASS
			LV	NT	-20000.00	-3.816794	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
		5260	NV	NT	-20000.00	-3.802281	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5280	NV	NT	-60000.00	-11.363636	20	PASS
			LV	NT	-40000.00	-7.575758	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5320	NV	NT	20000.00	3.759398	20	PASS
			LV	NT	-40000.00	-7.518797	20	PASS
			HV	NT	-40000.00	-7.518797	20	PASS

		5500	NV	NT	-40000.00	-7.272727	20	PASS
			LV	NT	-20000.00	-3.636364	20	PASS
			HV	NT	-40000.00	-7.272727	20	PASS
		5580	NV	NT	-20000.00	-3.584229	20	PASS
			LV	NT	-40000.00	-7.168459	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5700	NV	NT	-40000.00	-7.017544	20	PASS
			LV	NT	-20000.00	-3.508772	20	PASS
			HV	NT	-40000.00	-7.017544	20	PASS
		5745	NV	NT	-40000.00	-6.962576	20	PASS
			LV	NT	-20000.00	-3.481288	20	PASS
			HV	NT	-40000.00	-6.962576	20	PASS
		5785	NV	NT	-40000.00	-6.914434	20	PASS
			LV	NT	-20000.00	-3.457217	20	PASS
			HV	NT	-60000.00	-10.371651	20	PASS
		5825	NV	NT	-40000.00	-6.866953	20	PASS
			LV	NT	-40000.00	-6.866953	20	PASS
			HV	NT	-60000.00	-10.300429	20	PASS
11AX40SISO	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-7.707129	20	PASS
			HV	NT	-40000.00	-7.707129	20	PASS
		5230	NV	NT	-40000.00	-7.648184	20	PASS
			LV	NT	-40000.00	-7.648184	20	PASS
			HV	NT	-40000.00	-7.648184	20	PASS
		5270	NV	NT	-40000.00	-7.590133	20	PASS
			LV	NT	-40000.00	-7.590133	20	PASS
			HV	NT	-40000.00	-7.590133	20	PASS
		5310	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-7.532957	20	PASS
			HV	NT	-40000.00	-7.532957	20	PASS
		5510	NV	NT	-40000.00	-7.259528	20	PASS
			LV	NT	-40000.00	-7.259528	20	PASS
			HV	NT	-40000.00	-7.259528	20	PASS
		5550	NV	NT	-40000.00	-7.207207	20	PASS
			LV	NT	-40000.00	-7.207207	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5670	NV	NT	-40000.00	-7.054674	20	PASS
			LV	NT	-40000.00	-7.054674	20	PASS
			HV	NT	-40000.00	-7.054674	20	PASS
		5755	NV	NT	-40000.00	-6.950478	20	PASS
			LV	NT	-40000.00	-6.950478	20	PASS
			HV	NT	-40000.00	-6.950478	20	PASS
		5795	NV	NT	-40000.00	-6.902502	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-6.902502	20	PASS

TestMode	Antenna	Channel	Temperature				Verdict	
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)		Limit (ppm)
11A	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
			NV	-20	-20000.00	-3.861004	20	PASS
			NV	-10	-20000.00	-3.861004	20	PASS
			NV	0	-20000.00	-3.861004	20	PASS
			NV	10	-20000.00	-3.861004	20	PASS
			NV	20	-20000.00	-3.861004	20	PASS
			NV	30	-20000.00	-3.861004	20	PASS
			NV	40	-40000.00	-7.722008	20	PASS
			NV	50	-20000.00	-3.861004	20	PASS
		5200	NV	-30	-40000.00	-7.692308	20	PASS
			NV	-20	-20000.00	-3.846154	20	PASS
			NV	-10	-20000.00	-3.846154	20	PASS
			NV	0	-20000.00	-3.846154	20	PASS
			NV	10	-20000.00	-3.846154	20	PASS
			NV	20	-20000.00	-3.846154	20	PASS
			NV	30	-20000.00	-3.846154	20	PASS
			NV	40	-40000.00	-7.692308	20	PASS
			NV	50	-20000.00	-3.846154	20	PASS
		5240	NV	-30	-20000.00	-3.816794	20	PASS
			NV	-20	-20000.00	-3.816794	20	PASS
			NV	-10	-20000.00	-3.816794	20	PASS
			NV	0	-20000.00	-3.816794	20	PASS
			NV	10	-40000.00	-7.633588	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.816794	20	PASS
			NV	40	-20000.00	-3.816794	20	PASS
			NV	50	-20000.00	-3.816794	20	PASS
		5260	NV	-30	-20000.00	-3.802281	20	PASS
			NV	-20	-20000.00	-3.802281	20	PASS
			NV	-10	-20000.00	-3.802281	20	PASS
			NV	0	-20000.00	-3.802281	20	PASS
			NV	10	-20000.00	-3.802281	20	PASS
			NV	20	-40000.00	-7.604563	20	PASS
			NV	30	-40000.00	-7.604563	20	PASS
			NV	40	-20000.00	-3.802281	20	PASS
			NV	50	-20000.00	-3.802281	20	PASS
		5280	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-20000.00	-3.787879	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.787879	20	PASS
			NV	10	-20000.00	-3.787879	20	PASS
			NV	20	-20000.00	-3.787879	20	PASS
			NV	30	-20000.00	-3.787879	20	PASS
			NV	40	-20000.00	-3.787879	20	PASS
			NV	50	-20000.00	-3.787879	20	PASS
		5320	NV	-30	-20000.00	-3.759398	20	PASS
			NV	-20	-20000.00	-3.759398	20	PASS
			NV	-10	0.00	0.000000	20	PASS

		NV	0	-20000.00	-3.759398	20	PASS
		NV	10	-20000.00	-3.759398	20	PASS
		NV	20	-20000.00	-3.759398	20	PASS
		NV	30	-40000.00	-7.518797	20	PASS
		NV	40	0.00	0.000000	20	PASS
		NV	50	-20000.00	-3.759398	20	PASS
	5500	NV	-30	-20000.00	-3.636364	20	PASS
		NV	-20	-40000.00	-7.272727	20	PASS
		NV	-10	-20000.00	-3.636364	20	PASS
		NV	0	0.00	0.000000	20	PASS
		NV	10	-20000.00	-3.636364	20	PASS
		NV	20	-20000.00	-3.636364	20	PASS
	5580	NV	30	-20000.00	-3.636364	20	PASS
		NV	40	-20000.00	-3.636364	20	PASS
		NV	50	-20000.00	-3.636364	20	PASS
		NV	-30	-40000.00	-7.168459	20	PASS
		NV	-20	-20000.00	-3.584229	20	PASS
		NV	-10	-40000.00	-7.168459	20	PASS
	5700	NV	0	-40000.00	-7.168459	20	PASS
		NV	10	-40000.00	-7.168459	20	PASS
		NV	20	-20000.00	-3.584229	20	PASS
		NV	30	-20000.00	-3.584229	20	PASS
		NV	40	-40000.00	-7.168459	20	PASS
		NV	50	-20000.00	-3.584229	20	PASS
	5745	NV	-30	-20000.00	-3.508772	20	PASS
		NV	-20	-20000.00	-3.508772	20	PASS
		NV	-10	-20000.00	-3.508772	20	PASS
		NV	0	-20000.00	-3.508772	20	PASS
		NV	10	-20000.00	-3.508772	20	PASS
		NV	20	-40000.00	-7.017544	20	PASS
	5785	NV	30	-20000.00	-3.508772	20	PASS
		NV	40	-20000.00	-3.508772	20	PASS
		NV	50	-20000.00	-3.508772	20	PASS
		NV	-30	-20000.00	-3.481288	20	PASS
		NV	-20	-40000.00	-6.962576	20	PASS
		NV	-10	-20000.00	-3.481288	20	PASS
	5745	NV	0	-60000.00	-10.443864	20	PASS
		NV	10	-20000.00	-3.481288	20	PASS
		NV	20	-20000.00	-3.481288	20	PASS
		NV	30	-20000.00	-3.481288	20	PASS
		NV	40	-40000.00	-6.962576	20	PASS
		NV	50	-40000.00	-6.962576	20	PASS
	5785	NV	-30	-20000.00	-3.457217	20	PASS
		NV	-20	-20000.00	-3.457217	20	PASS
		NV	-10	-20000.00	-3.457217	20	PASS
		NV	0	-40000.00	-6.914434	20	PASS
		NV	10	-20000.00	-3.457217	20	PASS
		NV	20	-20000.00	-3.457217	20	PASS
	5785	NV	30	-20000.00	-3.457217	20	PASS
		NV	40	-40000.00	-6.914434	20	PASS
		NV	50	-20000.00	-3.457217	20	PASS

		5825	NV	-30	-40000.00	-6.866953	20	PASS		
			NV	-20	-20000.00	-3.433476	20	PASS		
			NV	-10	-20000.00	-3.433476	20	PASS		
			NV	0	-20000.00	-3.433476	20	PASS		
			NV	10	-40000.00	-6.866953	20	PASS		
			NV	20	-20000.00	-3.433476	20	PASS		
			NV	30	-20000.00	-3.433476	20	PASS		
			NV	40	-40000.00	-6.866953	20	PASS		
			NV	50	-40000.00	-6.866953	20	PASS		
11N20SISO	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS		
			NV	-20	-40000.00	-7.722008	20	PASS		
			NV	-10	-40000.00	-7.722008	20	PASS		
			NV	0	-20000.00	-3.861004	20	PASS		
			NV	10	-20000.00	-3.861004	20	PASS		
			NV	20	-20000.00	-3.861004	20	PASS		
			NV	30	-60000.00	-11.583012	20	PASS		
			NV	40	-40000.00	-7.722008	20	PASS		
			NV	50	-40000.00	-7.722008	20	PASS		
		5200	NV	-30	-20000.00	-3.846154	20	PASS		
			NV	-20	-60000.00	-11.538462	20	PASS		
			NV	-10	-40000.00	-7.692308	20	PASS		
			NV	0	-20000.00	-3.846154	20	PASS		
			NV	10	-40000.00	-7.692308	20	PASS		
			NV	20	-40000.00	-7.692308	20	PASS		
			NV	30	-20000.00	-3.846154	20	PASS		
			NV	40	-40000.00	-7.692308	20	PASS		
			NV	50	-60000.00	-11.538462	20	PASS		
		5240	NV	-30	-20000.00	-3.816794	20	PASS		
			NV	-20	-20000.00	-3.816794	20	PASS		
			NV	-10	-40000.00	-7.633588	20	PASS		
			NV	0	-40000.00	-7.633588	20	PASS		
			NV	10	0.00	0.000000	20	PASS		
			NV	20	-40000.00	-7.633588	20	PASS		
			NV	30	-20000.00	-3.816794	20	PASS		
			NV	40	-20000.00	-3.816794	20	PASS		
			NV	50	-20000.00	-3.816794	20	PASS		
		5260	NV	-30	0.00	0.000000	20	PASS		
			NV	-20	-20000.00	-3.802281	20	PASS		
			NV	-10	-20000.00	-3.802281	20	PASS		
			NV	0	-20000.00	-3.802281	20	PASS		
			NV	10	-20000.00	-3.802281	20	PASS		
			NV	20	-20000.00	-3.802281	20	PASS		
			NV	30	-20000.00	-3.802281	20	PASS		
			NV	40	-40000.00	-7.604563	20	PASS		
			NV	50	-40000.00	-7.604563	20	PASS		
		5280	NV	-30	-40000.00	-7.575758	20	PASS		
			NV	-20	-20000.00	-3.787879	20	PASS		
			NV	-10	-20000.00	-3.787879	20	PASS		
			NV	0	0.00	0.000000	20	PASS		
			NV	10	-20000.00	-3.787879	20	PASS		
					NV	20	-20000.00	-3.787879	20	PASS

			NV	30	-40000.00	-7.575758	20	PASS
			NV	40	-40000.00	-7.575758	20	PASS
			NV	50	-40000.00	-7.575758	20	PASS
		5320	NV	-30	-20000.00	-3.759398	20	PASS
			NV	-20	-20000.00	-3.759398	20	PASS
			NV	-10	-60000.00	-11.278195	20	PASS
			NV	0	-40000.00	-7.518797	20	PASS
			NV	10	-20000.00	-3.759398	20	PASS
			NV	20	-60000.00	-11.278195	20	PASS
			NV	30	-40000.00	-7.518797	20	PASS
			NV	40	-40000.00	-7.518797	20	PASS
			NV	50	-20000.00	-3.759398	20	PASS
			5500	NV	-30	-40000.00	-7.272727	20
		NV		-20	-20000.00	-3.636364	20	PASS
		NV		-10	-20000.00	-3.636364	20	PASS
		NV		0	-40000.00	-7.272727	20	PASS
		NV		10	-40000.00	-7.272727	20	PASS
		NV		20	-20000.00	-3.636364	20	PASS
		NV		30	-40000.00	-7.272727	20	PASS
		NV		40	-20000.00	-3.636364	20	PASS
		5580	NV	50	-40000.00	-7.272727	20	PASS
			NV	-30	-20000.00	-3.584229	20	PASS
			NV	-20	-40000.00	-7.168459	20	PASS
			NV	-10	-20000.00	-3.584229	20	PASS
			NV	0	-20000.00	-3.584229	20	PASS
			NV	10	-40000.00	-7.168459	20	PASS
			NV	20	-20000.00	-3.584229	20	PASS
			NV	30	-40000.00	-7.168459	20	PASS
		5700	NV	40	-20000.00	-3.584229	20	PASS
			NV	50	-40000.00	-7.168459	20	PASS
			NV	-30	-20000.00	-3.508772	20	PASS
			NV	-20	-40000.00	-7.017544	20	PASS
			NV	-10	-20000.00	-3.508772	20	PASS
			NV	0	-20000.00	-3.508772	20	PASS
			NV	10	-40000.00	-7.017544	20	PASS
			NV	20	-20000.00	-3.508772	20	PASS
		5745	NV	30	-40000.00	-7.017544	20	PASS
			NV	40	-20000.00	-3.508772	20	PASS
			NV	50	-40000.00	-7.017544	20	PASS
			NV	-30	-40000.00	-6.962576	20	PASS
			NV	-20	-40000.00	-6.962576	20	PASS
			NV	-10	-40000.00	-6.962576	20	PASS
			NV	0	-40000.00	-6.962576	20	PASS
			NV	10	-40000.00	-6.962576	20	PASS
		5785	NV	20	-40000.00	-6.962576	20	PASS
NV	30		0.00	0.000000	20	PASS		
NV	40		-20000.00	-3.481288	20	PASS		
NV	50		-20000.00	-3.481288	20	PASS		
NV	-30		-40000.00	-6.914434	20	PASS		
NV	-20		-20000.00	-3.457217	20	PASS		
NV	-10		0.00	0.000000	20	PASS		

		5825	NV	0	-60000.00	-10.371651	20	PASS	
			NV	10	-40000.00	-6.914434	20	PASS	
			NV	20	-20000.00	-3.457217	20	PASS	
			NV	30	-60000.00	-10.371651	20	PASS	
			NV	40	-40000.00	-6.914434	20	PASS	
			NV	50	-60000.00	-10.371651	20	PASS	
		5190	5825	NV	-30	-20000.00	-3.433476	20	PASS
				NV	-20	-20000.00	-3.433476	20	PASS
				NV	-10	-40000.00	-6.866953	20	PASS
				NV	0	-40000.00	-6.866953	20	PASS
				NV	10	-60000.00	-10.300429	20	PASS
				NV	20	-60000.00	-10.300429	20	PASS
		5230	5190	NV	30	-40000.00	-6.866953	20	PASS
				NV	40	-20000.00	-3.433476	20	PASS
				NV	50	-40000.00	-6.866953	20	PASS
				NV	-30	-40000.00	-7.707129	20	PASS
				NV	-20	0.00	0.000000	20	PASS
				NV	-10	0.00	0.000000	20	PASS
		5270	5230	NV	0	-40000.00	-7.707129	20	PASS
				NV	10	-40000.00	-7.707129	20	PASS
				NV	20	0.00	0.000000	20	PASS
				NV	30	-40000.00	-7.707129	20	PASS
				NV	40	0.00	0.000000	20	PASS
				NV	50	-40000.00	-7.707129	20	PASS
5310	5270	NV	-30	0.00	0.000000	20	PASS		
		NV	-20	0.00	0.000000	20	PASS		
		NV	-10	-40000.00	-7.648184	20	PASS		
		NV	0	0.00	0.000000	20	PASS		
		NV	10	0.00	0.000000	20	PASS		
		NV	20	-40000.00	-7.648184	20	PASS		
	5310	NV	30	-40000.00	-7.648184	20	PASS		
		NV	40	0.00	0.000000	20	PASS		
		NV	50	-40000.00	-7.648184	20	PASS		
		NV	-30	0.00	0.000000	20	PASS		
		NV	-20	-40000.00	-7.590133	20	PASS		
		NV	-10	-40000.00	-7.590133	20	PASS		
		5310	NV	0	-40000.00	-7.590133	20	PASS	
			NV	10	-40000.00	-7.590133	20	PASS	
			NV	20	-40000.00	-7.590133	20	PASS	
			NV	30	0.00	0.000000	20	PASS	
			NV	40	-40000.00	-7.590133	20	PASS	
			NV	50	-40000.00	-7.590133	20	PASS	
			NV	-30	-40000.00	-7.532957	20	PASS	
			NV	-20	0.00	0.000000	20	PASS	
			NV	-10	0.00	0.000000	20	PASS	
			NV	0	0.00	0.000000	20	PASS	
			NV	10	-40000.00	-7.532957	20	PASS	
			NV	20	0.00	0.000000	20	PASS	
			NV	30	0.00	0.000000	20	PASS	
			NV	40	-40000.00	-7.532957	20	PASS	
			NV	50	0.00	0.000000	20	PASS	
			NV	-30	-40000.00	-7.532957	20	PASS	
			NV	-20	0.00	0.000000	20	PASS	
			NV	-10	0.00	0.000000	20	PASS	

11N40SISO

Ant1

		5510	NV	-30	-40000.00	-7.259528	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.259528	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.259528	20	PASS
			NV	20	-80000.00	-14.519056	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-40000.00	-7.259528	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5550	NV	-30	-40000.00	-7.207207	20	PASS
			NV	-20	-40000.00	-7.207207	20	PASS
			NV	-10	-80000.00	-14.414414	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.207207	20	PASS
			NV	20	-40000.00	-7.207207	20	PASS
			NV	30	-80000.00	-14.414414	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.207207	20	PASS
		5670	NV	-30	-40000.00	-7.054674	20	PASS
			NV	-20	-40000.00	-7.054674	20	PASS
			NV	-10	-40000.00	-7.054674	20	PASS
			NV	0	-40000.00	-7.054674	20	PASS
			NV	10	-40000.00	-7.054674	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.00	-7.054674	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.054674	20	PASS
		5755	NV	-30	-80000.00	-13.900956	20	PASS
			NV	-20	-40000.00	-6.950478	20	PASS
			NV	-10	-40000.00	-6.950478	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-80000.00	-13.900956	20	PASS
			NV	20	-40000.00	-6.950478	20	PASS
			NV	30	-40000.00	-6.950478	20	PASS
			NV	40	-40000.00	-6.950478	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5795	NV	-30	-40000.00	-6.902502	20	PASS
			NV	-20	-40000.00	-6.902502	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-6.902502	20	PASS
			NV	10	-40000.00	-6.902502	20	PASS
			NV	20	-80000.00	-13.805004	20	PASS
			NV	30	-80000.00	-13.805004	20	PASS
			NV	40	-40000.00	-6.902502	20	PASS
			NV	50	-80000.00	-13.805004	20	PASS
11AX20SISO	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.861004	20	PASS
			NV	0	-20000.00	-3.861004	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.861004	20	PASS

			NV	30	0.00	0.000000	20	PASS	
			NV	40	-60000.00	-11.583012	20	PASS	
			NV	50	0.00	0.000000	20	PASS	
		5200	NV	-30	0.00	0.000000	20	PASS	
			NV	-20	-40000.00	-7.692308	20	PASS	
			NV	-10	0.00	0.000000	20	PASS	
			NV	0	0.00	0.000000	20	PASS	
			NV	10	20000.00	3.846154	20	PASS	
			NV	20	-20000.00	-3.846154	20	PASS	
			NV	30	-40000.00	-7.692308	20	PASS	
			NV	40	-40000.00	-7.692308	20	PASS	
			NV	50	0.00	0.000000	20	PASS	
			5240	NV	-30	-20000.00	-3.816794	20	PASS
				NV	-20	-20000.00	-3.816794	20	PASS
		NV		-10	-40000.00	-7.633588	20	PASS	
		NV		0	-80000.00	-15.267176	20	PASS	
		NV		10	0.00	0.000000	20	PASS	
		NV		20	-20000.00	-3.816794	20	PASS	
		NV		30	-40000.00	-7.633588	20	PASS	
		NV		40	-40000.00	-7.633588	20	PASS	
		NV		50	-20000.00	-3.816794	20	PASS	
		5260	NV	-30	-40000.00	-7.604563	20	PASS	
			NV	-20	-40000.00	-7.604563	20	PASS	
			NV	-10	-20000.00	-3.802281	20	PASS	
			NV	0	-40000.00	-7.604563	20	PASS	
			NV	10	-20000.00	-3.802281	20	PASS	
			NV	20	-40000.00	-7.604563	20	PASS	
			NV	30	-20000.00	-3.802281	20	PASS	
			NV	40	-20000.00	-3.802281	20	PASS	
			NV	50	-40000.00	-7.604563	20	PASS	
		5280	NV	-30	-20000.00	-3.787879	20	PASS	
			NV	-20	-40000.00	-7.575758	20	PASS	
			NV	-10	-20000.00	-3.787879	20	PASS	
			NV	0	40000.00	7.575758	20	PASS	
			NV	10	-20000.00	-3.787879	20	PASS	
			NV	20	-20000.00	-3.787879	20	PASS	
			NV	30	-20000.00	-3.787879	20	PASS	
			NV	40	0.00	0.000000	20	PASS	
			NV	50	-20000.00	-3.787879	20	PASS	
		5320	NV	-30	-20000.00	-3.759398	20	PASS	
			NV	-20	-20000.00	-3.759398	20	PASS	
			NV	-10	-20000.00	-3.759398	20	PASS	
NV	0		-20000.00	-3.759398	20	PASS			
NV	10		-20000.00	-3.759398	20	PASS			
NV	20		-20000.00	-3.759398	20	PASS			
NV	30		-20000.00	-3.759398	20	PASS			
NV	40		-20000.00	-3.759398	20	PASS			
NV	50		-20000.00	-3.759398	20	PASS			
5500	NV	-30	-40000.00	-7.272727	20	PASS			
	NV	-20	-20000.00	-3.636364	20	PASS			
	NV	-10	-40000.00	-7.272727	20	PASS			

		NV	0	-60000.00	-10.909091	20	PASS
		NV	10	-40000.00	-7.272727	20	PASS
		NV	20	-40000.00	-7.272727	20	PASS
		NV	30	-20000.00	-3.636364	20	PASS
		NV	40	-20000.00	-3.636364	20	PASS
		NV	50	-20000.00	-3.636364	20	PASS
	5580	NV	-30	0.00	0.000000	20	PASS
		NV	-20	-40000.00	-7.168459	20	PASS
		NV	-10	0.00	0.000000	20	PASS
		NV	0	-20000.00	-3.584229	20	PASS
		NV	10	-20000.00	-3.584229	20	PASS
		NV	20	-40000.00	-7.168459	20	PASS
		NV	30	-40000.00	-7.168459	20	PASS
	5700	NV	40	-40000.00	-7.168459	20	PASS
		NV	50	0.00	0.000000	20	PASS
		NV	-30	-20000.00	-3.508772	20	PASS
		NV	-20	-40000.00	-7.017544	20	PASS
		NV	-10	-40000.00	-7.017544	20	PASS
		NV	0	-20000.00	-3.508772	20	PASS
		NV	10	-20000.00	-3.508772	20	PASS
	5745	NV	20	-40000.00	-7.017544	20	PASS
		NV	30	-20000.00	-3.508772	20	PASS
		NV	40	-80000.00	-14.035088	20	PASS
		NV	50	-20000.00	-3.508772	20	PASS
		NV	-30	-20000.00	-3.481288	20	PASS
		NV	-20	-40000.00	-6.962576	20	PASS
		NV	-10	-40000.00	-6.962576	20	PASS
	5785	NV	0	-20000.00	-3.481288	20	PASS
		NV	10	-40000.00	-6.962576	20	PASS
		NV	20	20000.00	3.481288	20	PASS
		NV	30	-20000.00	-3.481288	20	PASS
		NV	40	0.00	0.000000	20	PASS
		NV	50	-80000.00	-13.925152	20	PASS
		NV	-30	-40000.00	-6.914434	20	PASS
	5825	NV	-20	-40000.00	-6.914434	20	PASS
		NV	-10	0.00	0.000000	20	PASS
		NV	0	-20000.00	-3.457217	20	PASS
		NV	10	0.00	0.000000	20	PASS
		NV	20	-40000.00	-6.914434	20	PASS
		NV	30	-40000.00	-6.914434	20	PASS
		NV	40	0.00	0.000000	20	PASS
	5825	NV	50	-20000.00	-3.457217	20	PASS
		NV	-30	-40000.00	-6.866953	20	PASS
		NV	-20	-40000.00	-6.866953	20	PASS
		NV	-10	-60000.00	-10.300429	20	PASS
		NV	0	-60000.00	-10.300429	20	PASS
	5825	NV	10	-20000.00	-3.433476	20	PASS
		NV	20	-40000.00	-6.866953	20	PASS
		NV	30	-40000.00	-6.866953	20	PASS
		NV	40	-40000.00	-6.866953	20	PASS
		NV	50	-40000.00	-6.866953	20	PASS

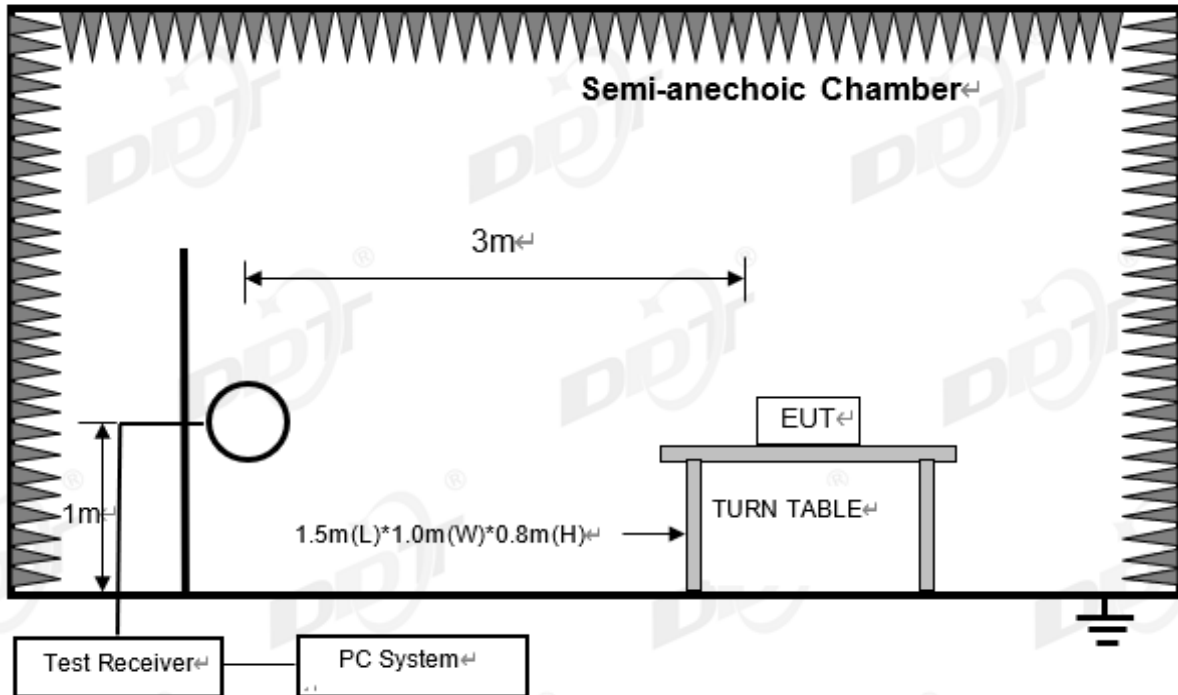
11AX40SISO	Ant1	5190	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.707129	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.707129	20	PASS
			NV	20	-40000.00	-7.707129	20	PASS
			NV	30	-40000.00	-7.707129	20	PASS
			NV	40	-40000.00	-7.707129	20	PASS
			NV	50	-40000.00	-7.707129	20	PASS
		5230	NV	-30	-40000.00	-7.648184	20	PASS
			NV	-20	-40000.00	-7.648184	20	PASS
			NV	-10	-40000.00	-7.648184	20	PASS
			NV	0	-40000.00	-7.648184	20	PASS
			NV	10	-40000.00	-7.648184	20	PASS
			NV	20	-40000.00	-7.648184	20	PASS
			NV	30	-40000.00	-7.648184	20	PASS
			NV	40	-40000.00	-7.648184	20	PASS
			NV	50	-40000.00	-7.648184	20	PASS
		5270	NV	-30	-40000.00	-7.590133	20	PASS
			NV	-20	-40000.00	-7.590133	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.590133	20	PASS
			NV	20	-40000.00	-7.590133	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-40000.00	-7.590133	20	PASS
			NV	50	-40000.00	-7.590133	20	PASS
		5310	NV	-30	-40000.00	-7.532957	20	PASS
			NV	-20	-40000.00	-7.532957	20	PASS
			NV	-10	-40000.00	-7.532957	20	PASS
			NV	0	-40000.00	-7.532957	20	PASS
			NV	10	-40000.00	-7.532957	20	PASS
			NV	20	-40000.00	-7.532957	20	PASS
			NV	30	-40000.00	-7.532957	20	PASS
			NV	40	-40000.00	-7.532957	20	PASS
			NV	50	-40000.00	-7.532957	20	PASS
		5510	NV	-30	-40000.00	-7.259528	20	PASS
			NV	-20	-40000.00	-7.259528	20	PASS
			NV	-10	-40000.00	-7.259528	20	PASS
			NV	0	-40000.00	-7.259528	20	PASS
			NV	10	-40000.00	-7.259528	20	PASS
			NV	20	-40000.00	-7.259528	20	PASS
			NV	30	-40000.00	-7.259528	20	PASS
			NV	40	-40000.00	-7.259528	20	PASS
			NV	50	-40000.00	-7.259528	20	PASS
		5550	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.00	-7.207207	20	PASS
			NV	-10	-40000.00	-7.207207	20	PASS
			NV	0	-40000.00	-7.207207	20	PASS
			NV	10	0.00	0.000000	20	PASS
		NV	20	-40000.00	-7.207207	20	PASS	

			NV	30	-40000.00	-7.207207	20	PASS
			NV	40	-40000.00	-7.207207	20	PASS
			NV	50	-40000.00	-7.207207	20	PASS
		5670	NV	-30	-40000.00	-7.054674	20	PASS
			NV	-20	-40000.00	-7.054674	20	PASS
			NV	-10	-40000.00	-7.054674	20	PASS
			NV	0	-40000.00	-7.054674	20	PASS
			NV	10	-40000.00	-7.054674	20	PASS
			NV	20	-40000.00	-7.054674	20	PASS
			NV	30	-40000.00	-7.054674	20	PASS
			NV	40	-40000.00	-7.054674	20	PASS
			NV	50	-40000.00	-7.054674	20	PASS
			5755	NV	-30	-40000.00	-6.950478	20
		NV		-20	-40000.00	-6.950478	20	PASS
		NV		-10	-40000.00	-6.950478	20	PASS
		NV		0	-40000.00	-6.950478	20	PASS
		NV		10	-40000.00	-6.950478	20	PASS
		NV		20	-40000.00	-6.950478	20	PASS
		NV		30	-40000.00	-6.950478	20	PASS
		NV		40	-40000.00	-6.950478	20	PASS
		5795	NV	50	-40000.00	-6.950478	20	PASS
			NV	-30	-40000.00	-6.902502	20	PASS
			NV	-20	-40000.00	-6.902502	20	PASS
			NV	-10	-40000.00	-6.902502	20	PASS
			NV	0	-40000.00	-6.902502	20	PASS
			NV	10	-40000.00	-6.902502	20	PASS
			NV	20	-40000.00	-6.902502	20	PASS
			NV	30	-40000.00	-6.902502	20	PASS
			NV	40	-40000.00	-6.902502	20	PASS
			NV	50	-40000.00	-6.902502	20	PASS

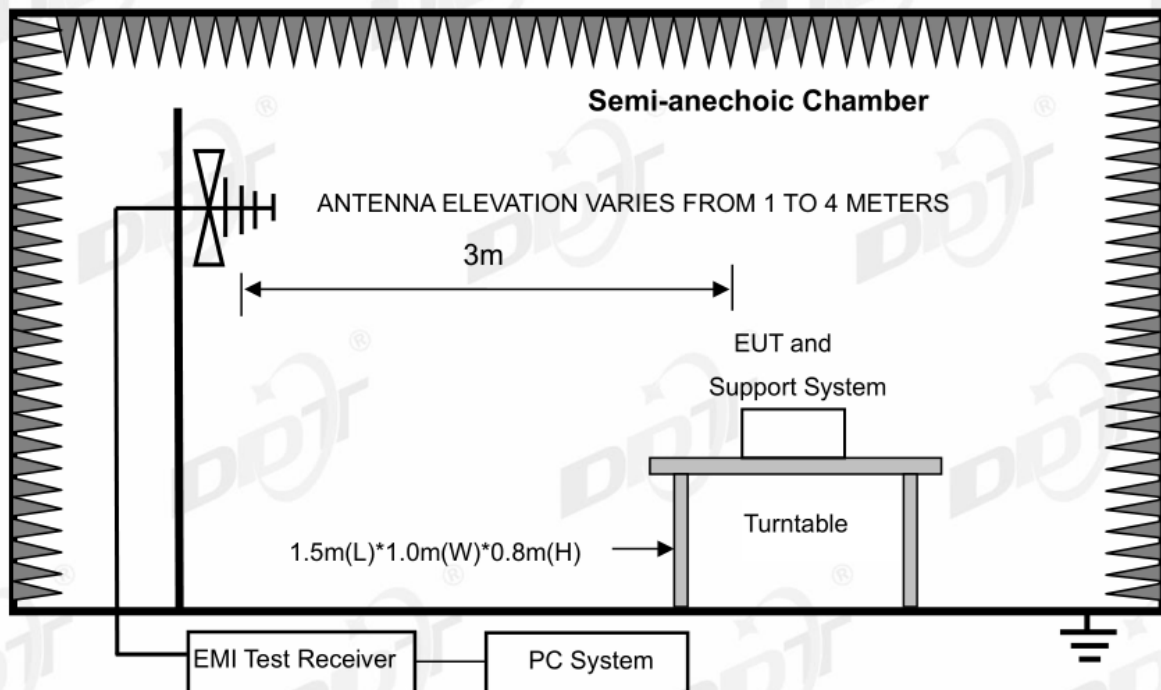
8. Emissions in restricted frequency bands

8.1. Block diagram of test setup

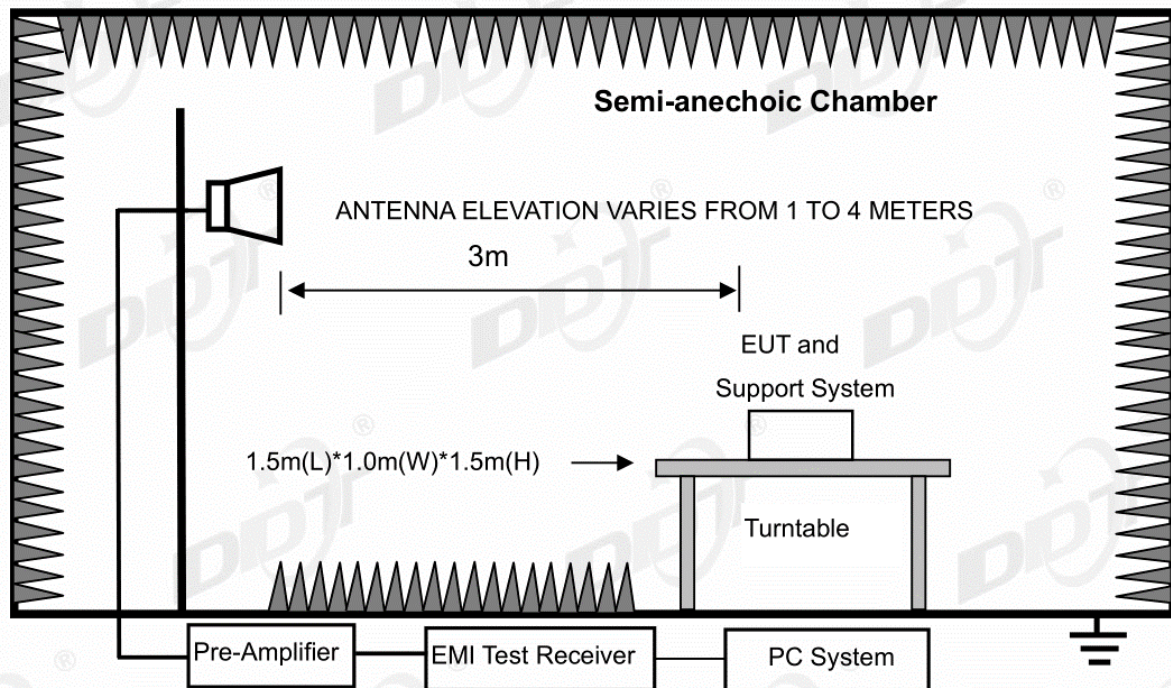
In 3 m Anechoic Chamber, test setup diagram for 9 kHz - 30 MHz:



In 3 m Anechoic Chamber, test setup diagram for 30 MHz - 1 GHz:



In 3 m Anechoic Chamber, test setup diagram for frequency above 1 GHz:



Note: For harmonic emissions test an appropriate high pass filter was inserted in the input port of AMP.

8.2. Limit

(1) FCC 15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.1772&4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.2072&4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

²Above 38.6

(2) FCC 15.209 Limit

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		$\mu\text{V}/\text{m}$	$\text{dB}(\mu\text{V})/\text{m}$
0.009 ~ 0.490	300	2400/F(kHz)	67.6-20log(F)
0.490 ~ 1.705	30	24000/F(kHz)	87.6-20log(F)
1.705 ~ 30.0	30	30	29.54
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0
Above 1000	3	74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

Note: (1) The emission limits shown in the above table are based on measurements employing a CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz and above 1000 MHz, radiated emissions limits in these three bands are based on measurements employing an average detector.

(2) At frequencies below 30 MHz, measurement may be performed at a distance closer than that specified, and the limit at closer measurement distance can be extrapolated by below formula:

$$\text{Limit}_{3\text{m}}(\text{dB}\mu\text{V}/\text{m}) = \text{Limit}_{30\text{m}}(\text{dB}\mu\text{V}/\text{m}) + 40\text{Log}(30\text{m}/3\text{m})$$

(3) Limit for this EUT

The emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20 dB below the fundamental emissions or comply with 15.209 limits.

8.3. Test Procedure

- (1) EUT height should be 0 m for below 1 GHz at a semi - anechoic chamber while EUT height should be 0 m for above 1GHz at full chamber or semi - anechoic chamber ground with absorbers
- (2) Setup EUT and assistant system according clause 2.3 and 8.2
- (3) Test antenna was located 3m from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used	Test distance
9 kHz-30 MHz	Active Loop antenna	3 m
30 MHz-1 GHz	Trilog Broadband Antenna	3 m
1 GHz-18 GHz	Double Ridged Horn Antenna(1GHz-18GHz)	3 m
18 GHz-40 GHz	Horn Antenna(18GHz-40GHz)	1 m

According ANSI C63.10:2013 clause 6.4.4.2 and 6.5.3, for measurements below 30 MHz, the loop antenna was positioned with its plane vertical from the EUT and rotated about its vertical axis for maximum response at each azimuth position around the EUT. And the loop antenna also

be positioned with its plane horizontal at the specified distance from the EUT. The center of the loop is 1 m above the ground. for measurement above 30 MHz, the Trilog Broadband Antenna or Horn Antenna was located 3m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

(4) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9 kHz to 40 GHz:

(a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degree, the antenna height was varied from 1 m to 4 m (Except loop antenna, it's fixed 1m above ground.)

(b) Change work frequency or channel of device if practicable.

(c) Change modulation type of device if practicable.

(d) Change power supply range from 85% to 115% of the rated supply voltage

(e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

Spectrum frequency from 9 kHz to 40 GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 9 kHz to 30 MHz and 18 GHz to 40 GHz, so below final test was performed with frequency range from 30 MHz to 18 GHz.

(5) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1m and 4m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.10:2013 on Radiated Emission test.

(6) The emissions from 9 kHz to 1 GHz were measured based on CISPR QP detector except for the frequency bands 9-90 kHz, 110-490 kHz, for emissions from 9 kHz-90kHz,110kHz-490kHz and above 1GHz were measured based on average detector, for emissions above 1 GHz, peak emissions also be measured and need comply with Peak limit.

(7) The emissions from 9 kHz to 1 GHz, QP or average values were measured with EMI receiver with below RBW

Frequency band	RBW
9 kHz-150 kHz	200 Hz
150 kHz-30 MHz	9 kHz
30 MHz-1 GHz	120 kHz

(8) For emissions above 1 GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz, VBW is set at 3MHz for Peak measure, the RBW is set at 1 MHz, VBW is set at 10 Hz for AV value.

8.4. Test result

Pass. (See below detailed test result)

All the emissions except fundamental emission from 9 kHz to 25 GHz were comply with 15.209 limits.

Note1: According exploratory test no any obvious emission was detected from 9 kHz to 30 MHz and 18 GHz to 40 GHz, so the final test was performed with frequency range from 30 MHz to 18 GHz and recorded in below.

Note2: For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with EUT working in 11a mode.

Note3: For simultaneous transmission of multiple channels in the BT, 2.4G WIFI and 5G WIFI, no noticeable emission was found.

Note4: 30MHz~40GHz: (11a, 11n20, n40, 11ac20, 11ac40, 11ax20 and 11ax40 mode all have been tested, only 11a mode is the worst case and reported.)

Note5: For emissions above 1 GHz. If peak results comply with AV limit, AV Result is deemed to comply with AV limit.

Radiated Emission test (below 1GHz)

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

D:\E3 6.111\2022 Report Data\Q22062203-2E VCS15\FCC BELOW 1G.EM6

Test Date : 2022-08-12

Tested By : Bairong

EUT : Integrated video conference terminal

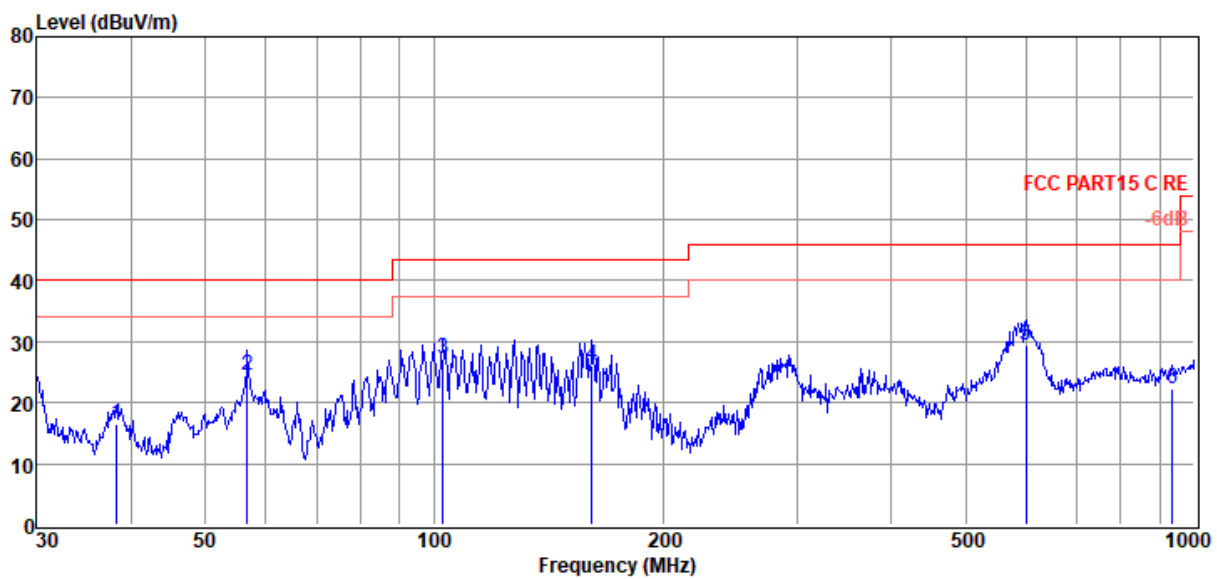
Model Number : UC S15

Power Supply : AC 120V/60Hz

Test Mode : Tx Mode

Condition : Temp:22.8°C,Humi:59.1%,Press:100.1kPa **Antenna/Distance** : 2022 9161 #3/3m/HORIZONTAL

Memo : 5GWIFI



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	38.21	33.15	12.04	3.60	16.51	40.00	-23.49	QP	HORIZONTAL
2	56.79	41.63	11.48	3.73	24.57	40.00	-15.43	QP	HORIZONTAL
3	102.72	42.90	12.57	4.00	27.23	43.50	-16.27	QP	HORIZONTAL
4	161.47	34.83	19.19	4.30	26.11	43.50	-17.39	QP	HORIZONTAL
5	601.43	37.26	19.13	5.74	29.41	46.00	-16.59	QP	HORIZONTAL
6	935.55	24.39	23.11	6.54	22.24	46.00	-23.76	QP	HORIZONTAL

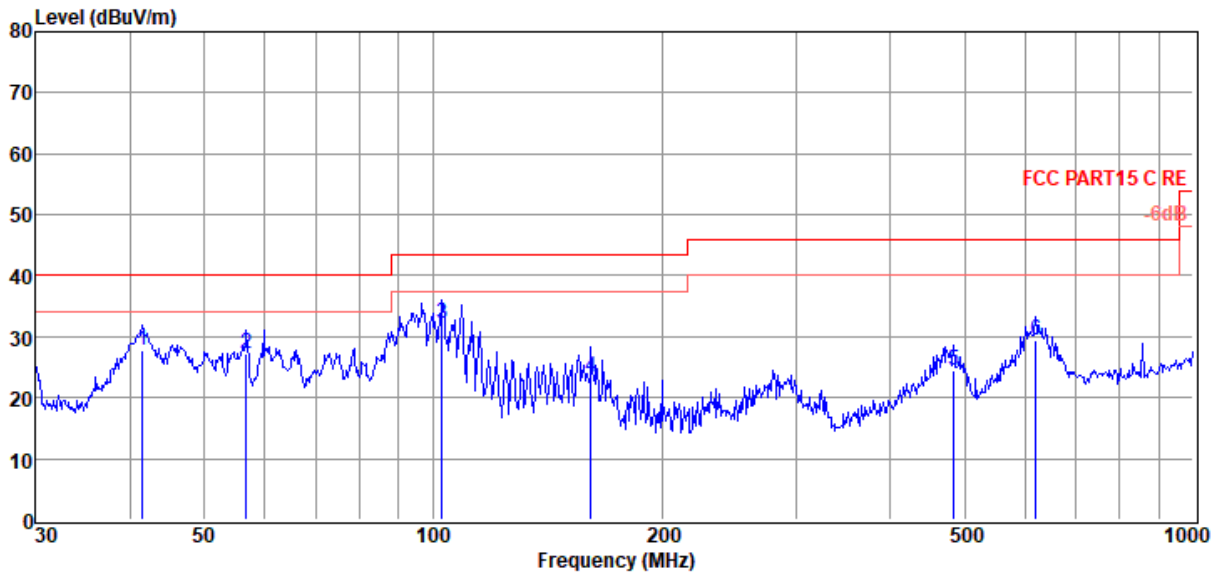
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.11\2022 Report Data\Q22062203-2E VCS15\FCC BELOW 1G.EM6
Test Date : 2022-08-12 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:22.8°C,Humi:59.1%,Press:100.1kPa **Antenna/Distance** : 2022 9161 #3/3m/VERTICAL
Memo : 5GWIFI



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	41.42	44.03	12.44	3.62	27.81	40.00	-12.19	QP	VERTICAL
2	56.79	44.18	11.48	3.73	27.12	40.00	-12.88	QP	VERTICAL
3	102.72	47.82	12.57	4.00	32.15	43.50	-11.35	QP	VERTICAL
4	161.47	32.13	19.19	4.30	23.41	43.50	-20.09	QP	VERTICAL
5	483.91	34.39	17.20	5.43	24.51	46.00	-21.49	QP	VERTICAL
6	620.71	36.84	19.43	5.79	29.31	46.00	-16.69	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
 2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
 3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Radiated Emission test (above 1 GHz)

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6

Test Date : 2022-08-23

Tested By : Bairong

EUT : Integrated video conference terminal

Model Number : UC S15

Power Supply : AC 120V/60Hz

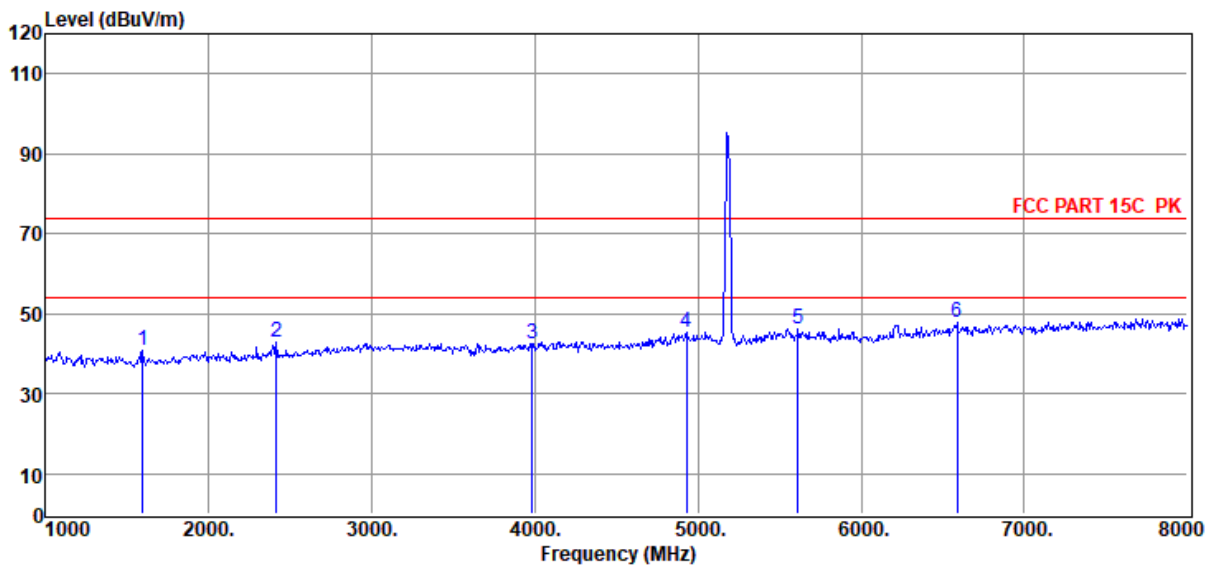
Test Mode : Tx Mode

Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/HORIZONTAL

Memo : 11A 5180

Data: 13



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1595.00	52.07	25.65	38.79	1.42	0.61	40.96	74.00	-33.04	Peak	HORIZONTAL
2	2414.00	52.60	27.45	39.61	1.72	0.73	42.89	74.00	-31.11	Peak	HORIZONTAL
3	3982.00	48.72	31.04	40.19	2.09	0.86	42.52	74.00	-31.48	Peak	HORIZONTAL
4	4927.00	49.66	32.87	40.39	2.51	0.91	45.56	74.00	-28.44	Peak	HORIZONTAL
5	5613.00	49.94	33.07	40.46	2.67	1.05	46.27	74.00	-27.73	Peak	HORIZONTAL
6	6586.00	48.46	35.34	40.03	3.23	1.02	48.02	74.00	-25.98	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

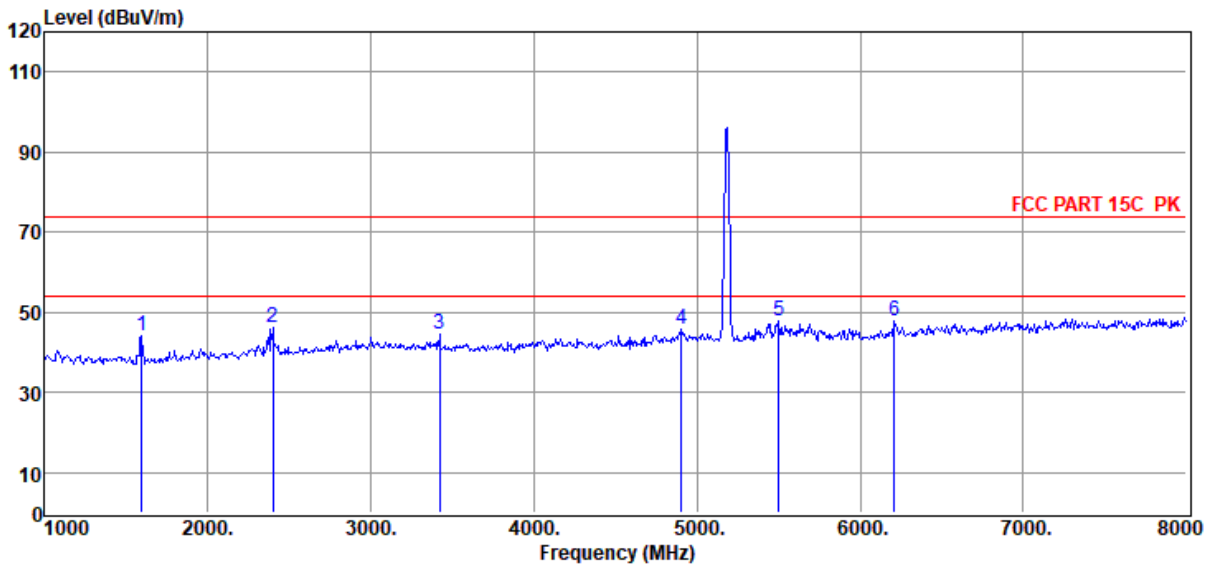
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D 3#/3m/VERTICAL
Memo : 11A 5180

Data: 14



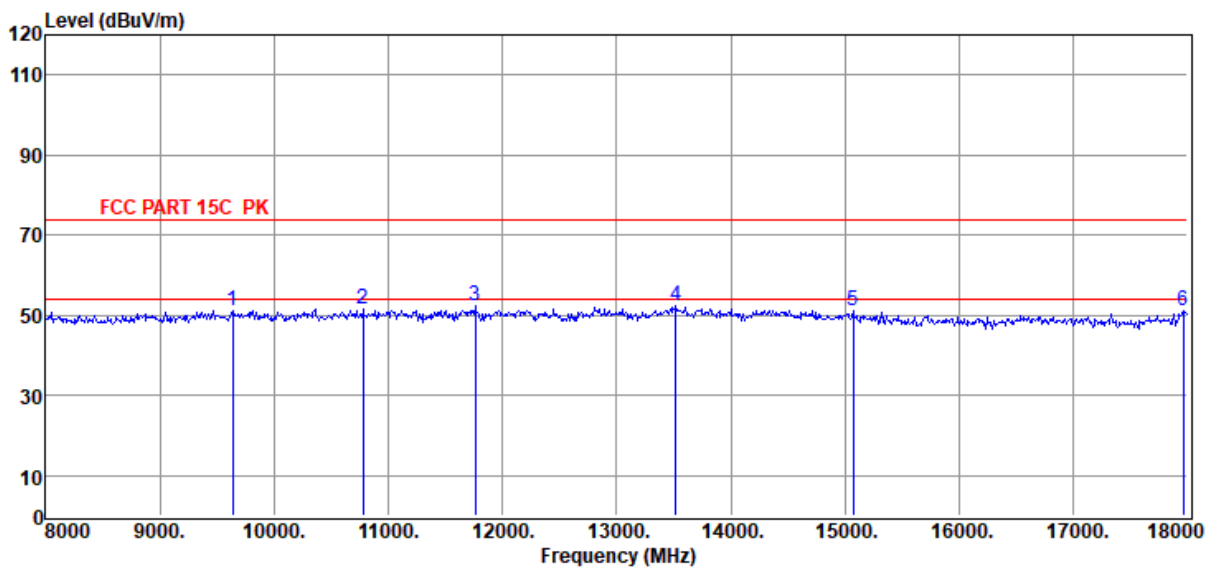
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1595.00	55.26	25.65	38.79	1.42	0.61	44.15	74.00	-29.85	Peak	VERTICAL
2	2400.00	56.12	27.42	39.60	1.71	0.72	46.37	74.00	-27.63	Peak	VERTICAL
3	3422.00	52.77	29.42	40.03	1.72	0.82	44.70	74.00	-29.30	Peak	VERTICAL
4	4906.00	49.83	32.80	40.38	2.51	0.91	45.67	74.00	-28.33	Peak	VERTICAL
5	5501.00	51.87	32.80	40.45	2.57	1.03	47.82	74.00	-26.18	Peak	VERTICAL
6	6208.00	49.32	34.50	40.33	3.13	1.10	47.72	74.00	-26.28	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D
3#/3m/HORIZONTAL
Memo : 11A 5180

Data: 15



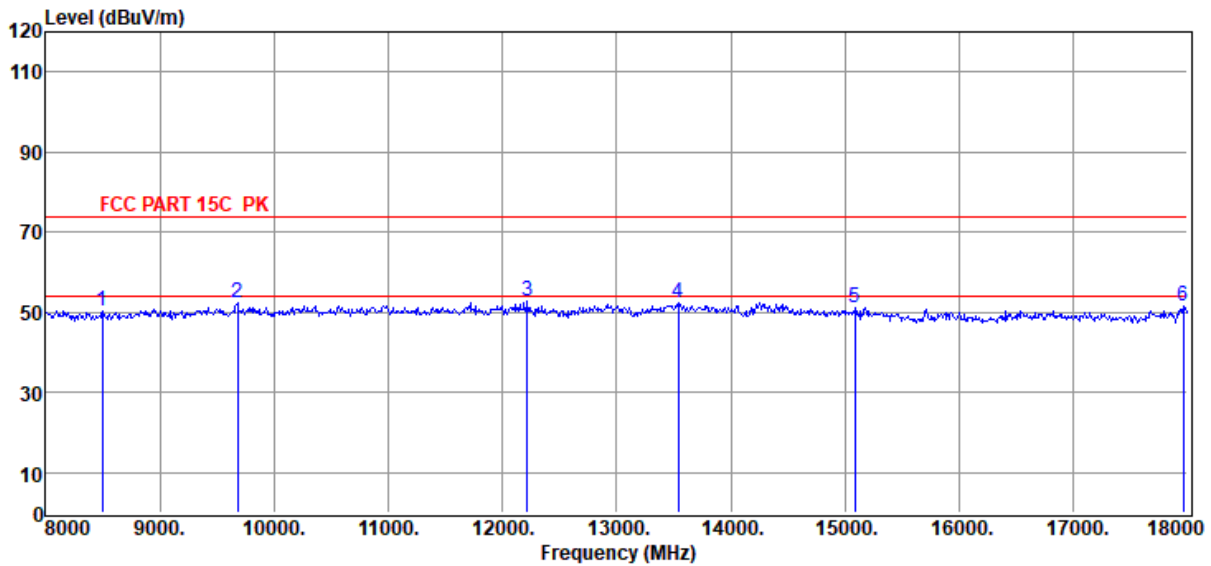
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	9640.00	46.43	38.62	40.35	3.63	2.95	51.28	74.00	-22.72	Peak	HORIZONTAL
2	10780.00	46.35	39.17	40.29	3.74	2.71	51.68	74.00	-22.32	Peak	HORIZONTAL
3	11760.00	47.06	39.10	40.12	4.01	2.43	52.48	74.00	-21.52	Peak	HORIZONTAL
4	13520.00	45.75	40.00	40.04	4.01	2.67	52.39	74.00	-21.61	Peak	HORIZONTAL
5	15070.00	44.61	39.40	39.62	4.48	2.40	51.27	74.00	-22.73	Peak	HORIZONTAL
6	17960.00	41.79	42.25	40.68	4.95	2.64	50.95	74.00	-23.05	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D 3#/3m/VERTICAL
Memo : 11A 5180

Data: 16



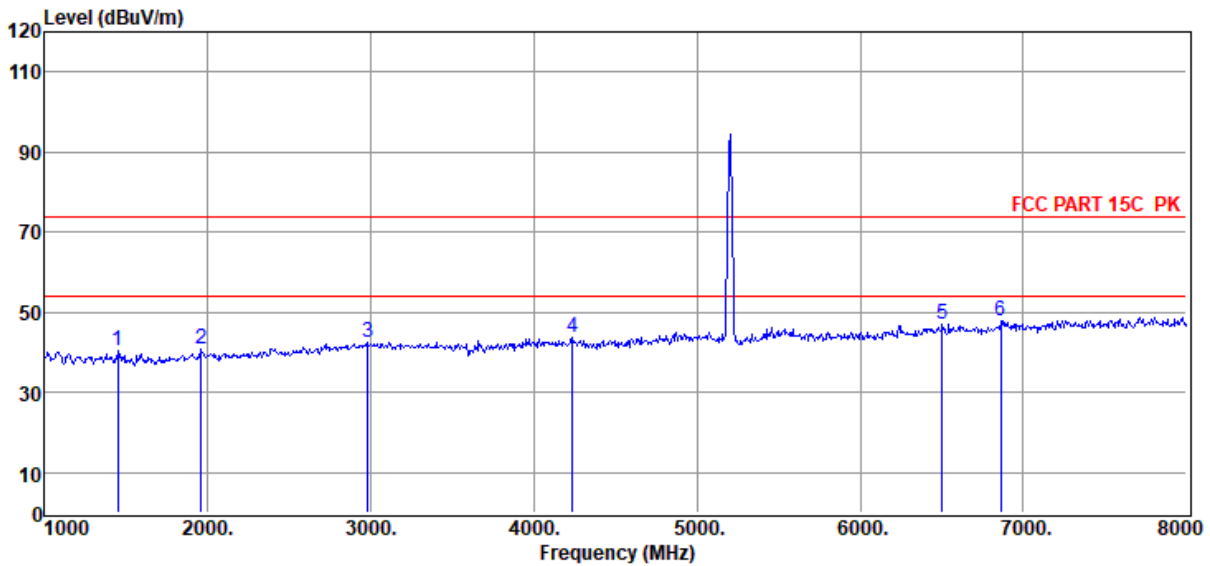
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	8500.00	46.47	37.80	39.85	3.22	2.76	50.40	74.00	-23.60	Peak	VERTICAL
2	9680.00	47.38	38.59	40.38	3.64	2.96	52.19	74.00	-21.81	Peak	VERTICAL
3	12220.00	47.50	39.11	40.17	3.90	2.43	52.77	74.00	-21.23	Peak	VERTICAL
4	13540.00	45.66	39.99	40.02	4.03	2.67	52.33	74.00	-21.67	Peak	VERTICAL
5	15090.00	44.43	39.37	39.63	4.49	2.41	51.07	74.00	-22.93	Peak	VERTICAL
6	17960.00	42.18	42.25	40.68	4.95	2.64	51.34	74.00	-22.66	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D
3#/3m/HORIZONTAL
Memo : 11A 5200

Data: 31



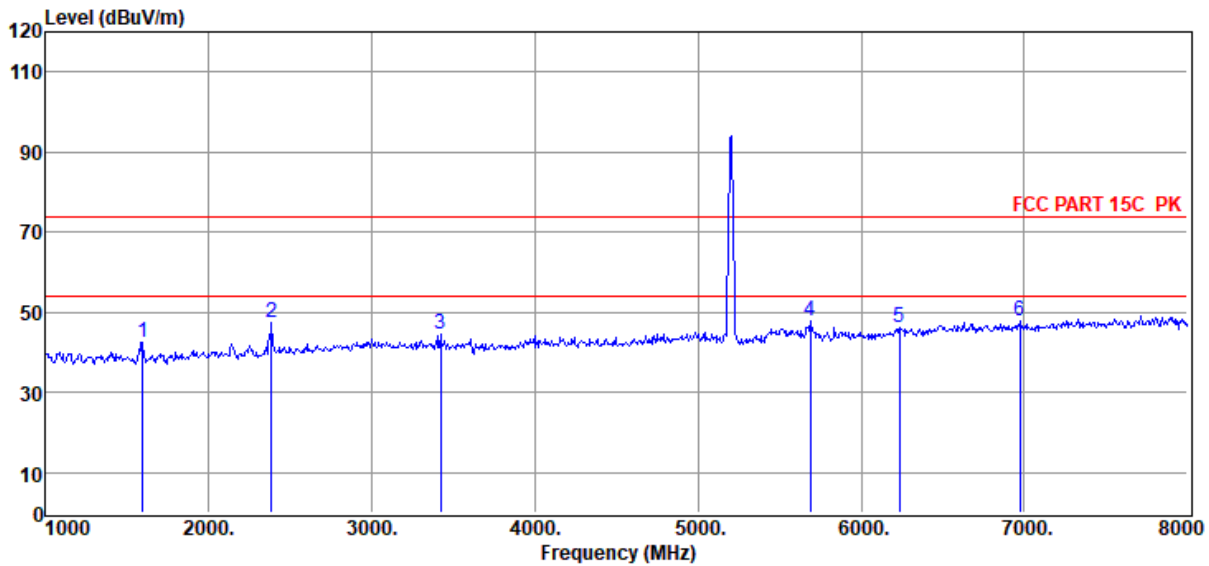
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1448.00	51.62	25.41	38.57	1.35	0.58	40.39	74.00	-33.61	Peak	HORIZONTAL
2	1959.00	51.18	26.59	39.34	1.58	0.67	40.68	74.00	-33.32	Peak	HORIZONTAL
3	2981.00	50.29	29.43	39.89	1.87	0.79	42.49	74.00	-31.51	Peak	HORIZONTAL
4	4234.00	49.70	31.29	40.25	2.23	0.87	43.84	74.00	-30.16	Peak	HORIZONTAL
5	6502.00	47.63	35.20	40.10	3.27	1.03	47.03	74.00	-26.97	Peak	HORIZONTAL
6	6859.00	48.01	35.77	39.81	3.09	0.96	48.02	74.00	-25.98	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D 3#/3m/VERTICAL
Memo : 11A 5200

Data: 32



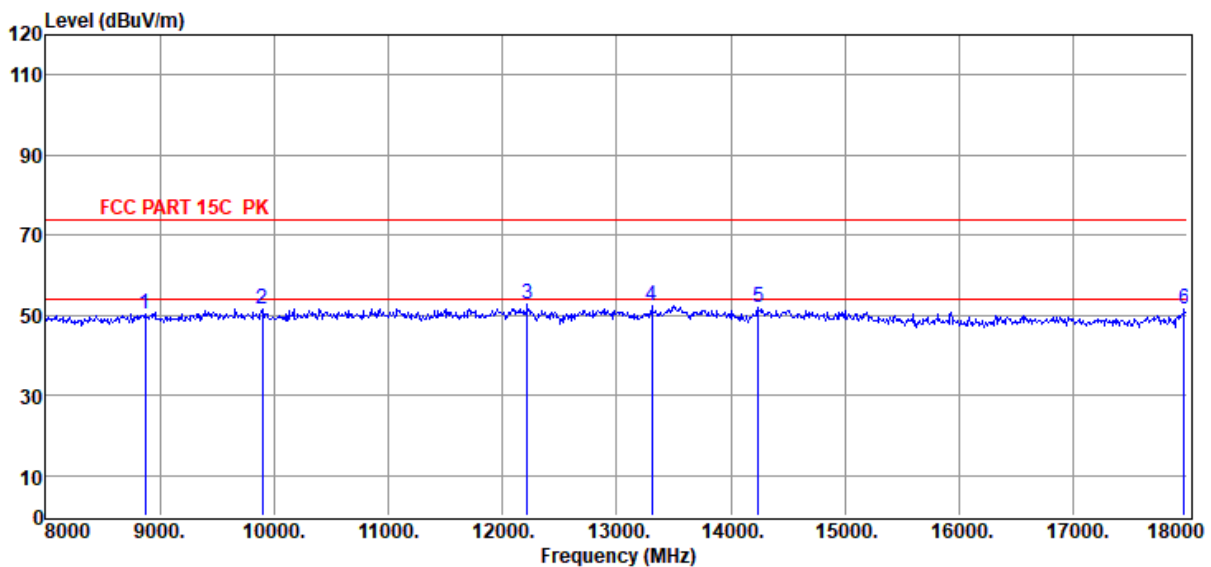
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1595.00	53.50	25.65	38.79	1.42	0.61	42.39	74.00	-31.61	Peak	VERTICAL
2	2386.00	57.24	27.39	39.59	1.71	0.72	47.47	74.00	-26.53	Peak	VERTICAL
3	3422.00	52.76	29.42	40.03	1.72	0.82	44.69	74.00	-29.31	Peak	VERTICAL
4	5690.00	51.09	33.26	40.47	2.74	1.07	47.69	74.00	-26.31	Peak	VERTICAL
5	6236.00	47.86	34.57	40.31	3.14	1.09	46.35	74.00	-27.65	Peak	VERTICAL
6	6971.00	47.53	35.95	39.72	3.03	0.94	47.73	74.00	-26.27	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D
3#/3m/HORIZONTAL
Memo : 11A 5200

Data: 33



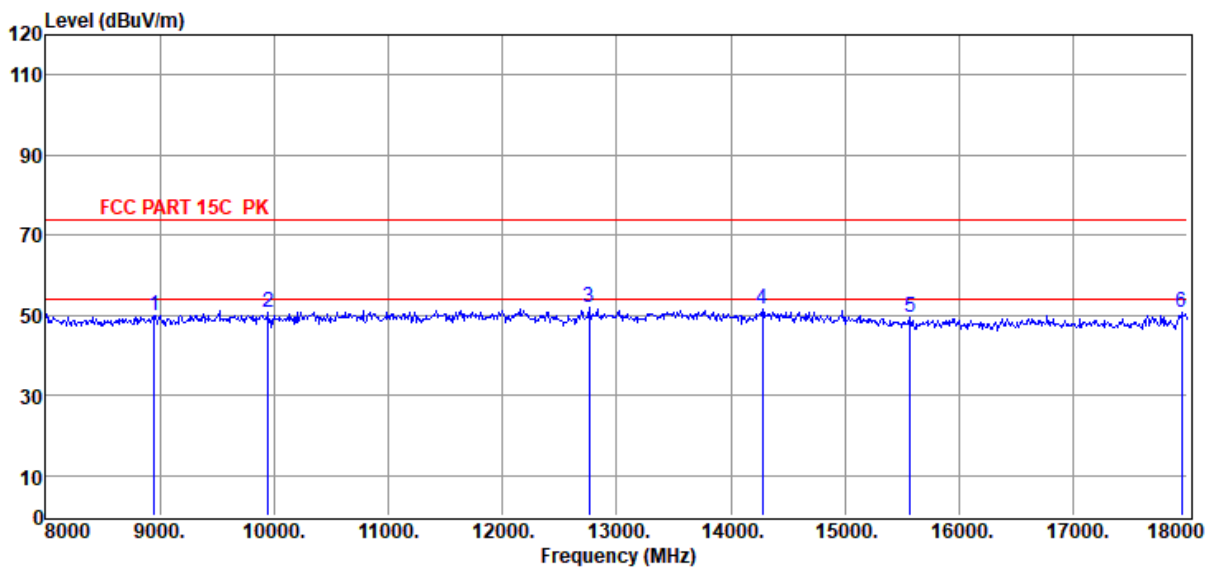
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	8870.00	46.08	38.17	39.89	3.30	2.79	50.45	74.00	-23.55	Peak	HORIZONTAL
2	9900.00	47.07	38.46	40.53	3.66	3.02	51.68	74.00	-22.32	Peak	HORIZONTAL
3	12220.00	47.47	39.11	40.17	3.90	2.43	52.74	74.00	-21.26	Peak	HORIZONTAL
4	13310.00	45.91	39.85	40.18	4.15	2.66	52.39	74.00	-21.61	Peak	HORIZONTAL
5	14240.00	44.65	39.90	39.68	4.44	2.62	51.93	74.00	-22.07	Peak	HORIZONTAL
6	17970.00	42.14	42.31	40.68	4.95	2.63	51.35	74.00	-22.65	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D 3#/3m/VERTICAL
Memo : 11A 5200

Data: 34



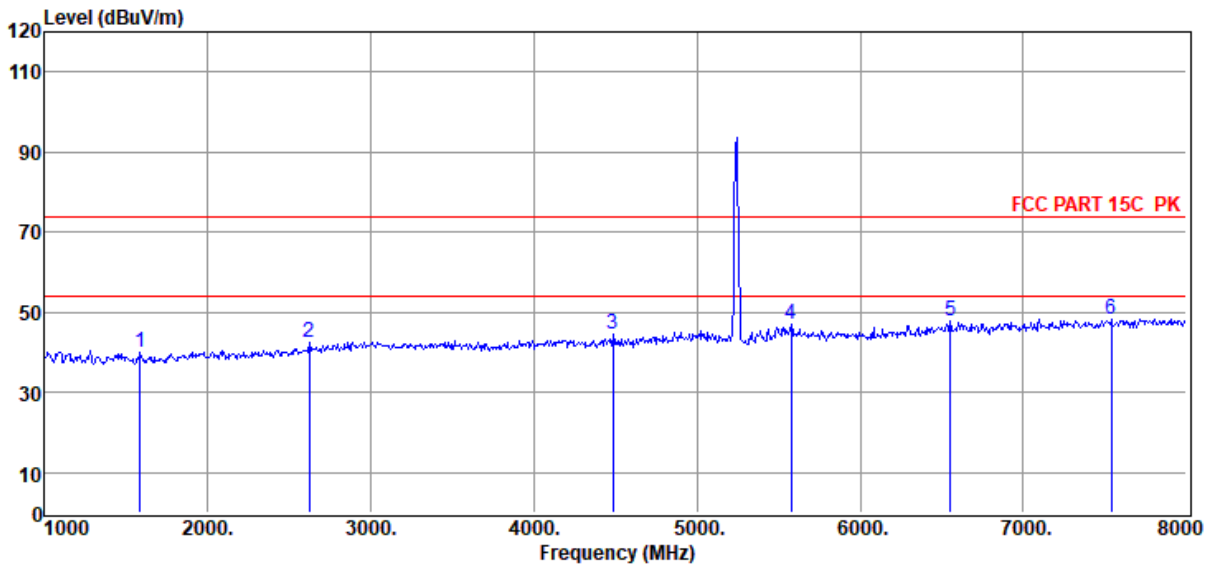
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	8950.00	45.57	38.25	39.90	3.32	2.80	50.04	74.00	-23.96	Peak	VERTICAL
2	9950.00	46.14	38.43	40.56	3.66	3.03	50.70	74.00	-23.30	Peak	VERTICAL
3	12760.00	46.41	39.31	40.33	4.07	2.58	52.04	74.00	-21.96	Peak	VERTICAL
4	14280.00	44.48	39.90	39.67	4.43	2.61	51.75	74.00	-22.25	Peak	VERTICAL
5	15570.00	43.55	38.67	39.77	4.57	2.51	49.53	74.00	-24.47	Peak	VERTICAL
6	17950.00	41.46	42.19	40.67	4.95	2.65	50.58	74.00	-23.42	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D
3#/3m/HORIZONTAL
Memo : 11A 5240

Data: 35



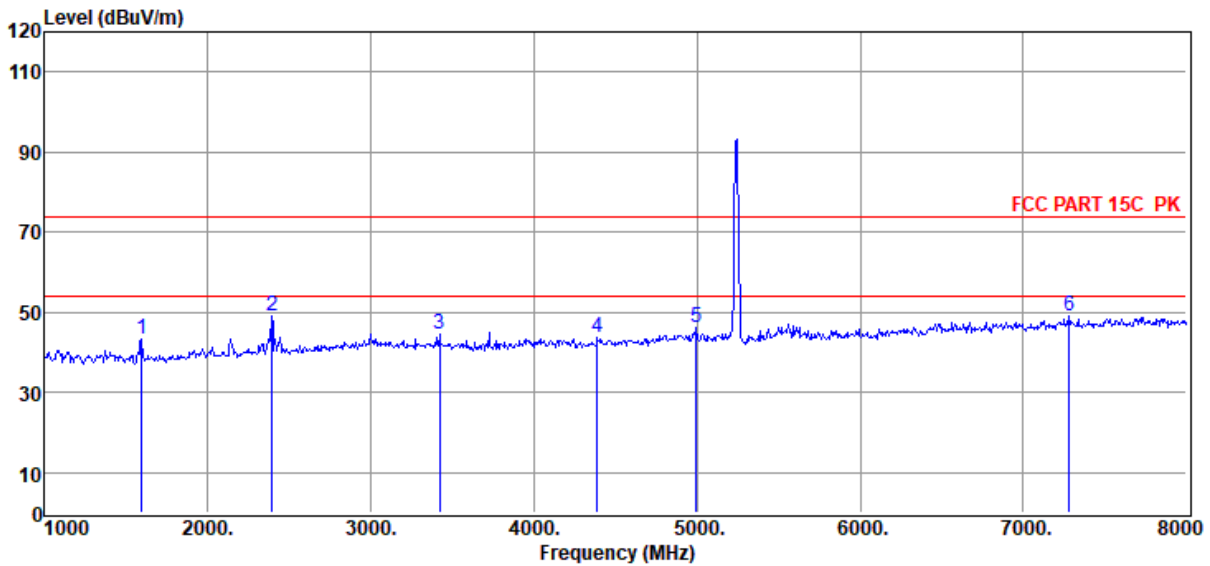
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1588.00	51.01	25.63	38.78	1.42	0.61	39.89	74.00	-34.11	Peak	HORIZONTAL
2	2624.00	51.65	28.07	39.71	1.77	0.75	42.53	74.00	-31.47	Peak	HORIZONTAL
3	4486.00	49.97	31.49	40.30	2.35	0.88	44.39	74.00	-29.61	Peak	HORIZONTAL
4	5578.00	50.64	32.99	40.46	2.64	1.04	46.85	74.00	-27.15	Peak	HORIZONTAL
5	6551.00	48.45	35.28	40.06	3.24	1.02	47.93	74.00	-26.07	Peak	HORIZONTAL
6	7538.00	47.52	36.45	39.75	3.14	1.06	48.42	74.00	-25.58	Peak	HORIZONTAL

- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D 3#/3m/VERTICAL
Memo : 11A 5240

Data: 36



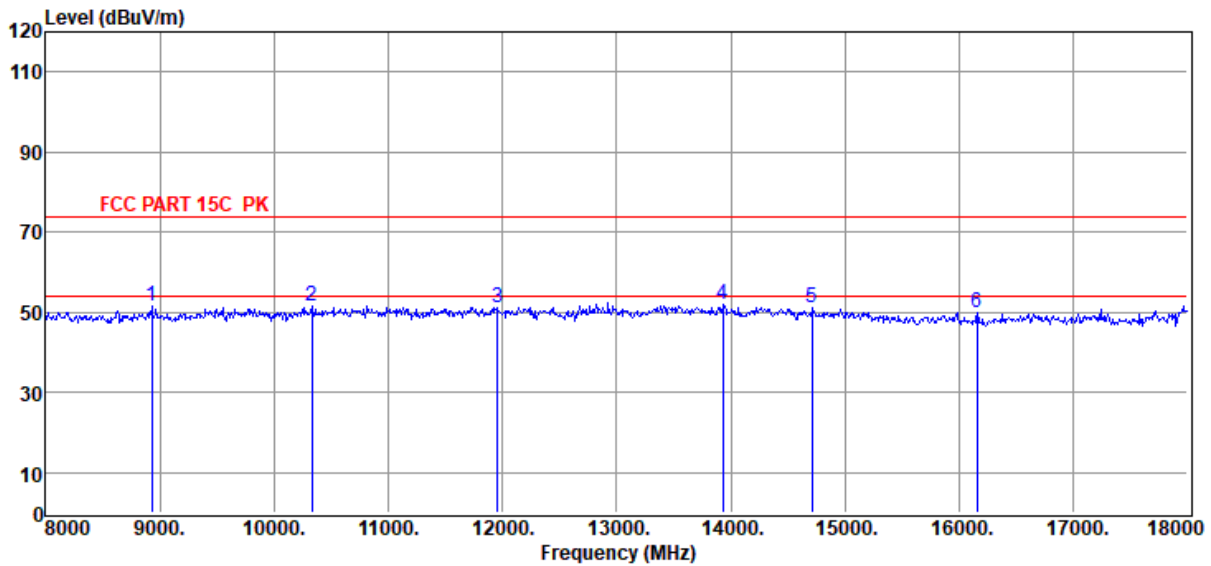
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1595.00	54.27	25.65	38.79	1.42	0.61	43.16	74.00	-30.84	Peak	VERTICAL
2	2393.00	58.66	27.41	39.60	1.71	0.72	48.90	74.00	-25.10	Peak	VERTICAL
3	3422.00	52.68	29.42	40.03	1.72	0.82	44.61	74.00	-29.39	Peak	VERTICAL
4	4388.00	49.32	31.41	40.28	2.30	0.88	43.63	74.00	-30.37	Peak	VERTICAL
5	4997.00	50.15	33.09	40.40	2.54	0.91	46.29	74.00	-27.71	Peak	VERTICAL
6	7279.00	48.58	36.22	39.73	3.09	1.00	49.16	74.00	-24.84	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D
3#/3m/HORIZONTAL
Memo : 11A 5240

Data: 37



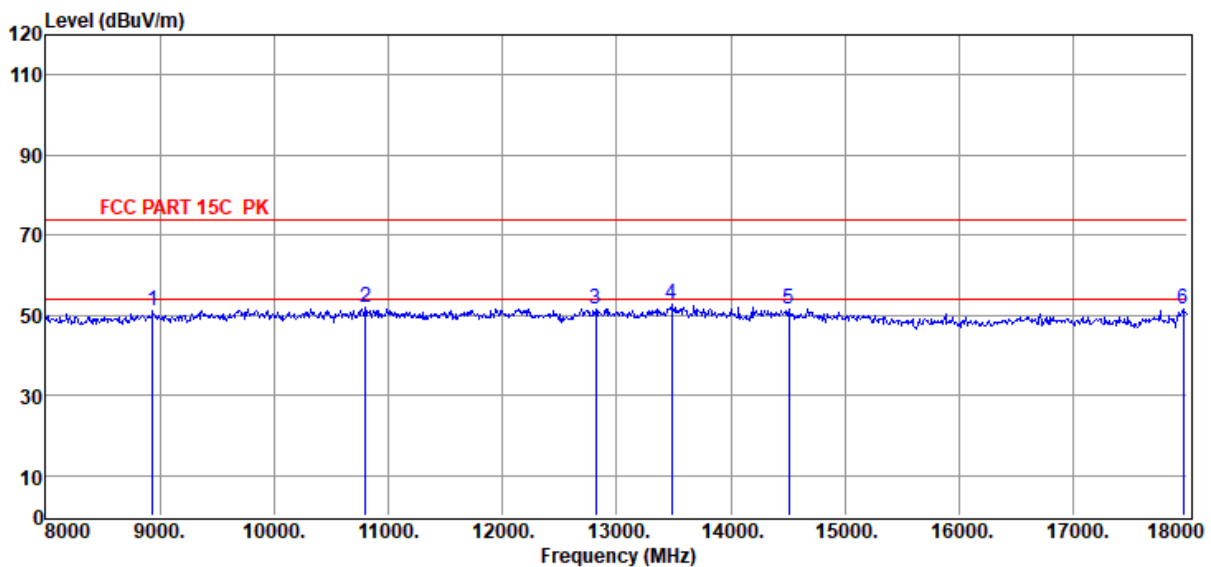
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	8930.00	46.93	38.23	39.89	3.31	2.79	51.37	74.00	-22.63	Peak	HORIZONTAL
2	10330.00	46.44	38.80	40.47	3.67	2.90	51.34	74.00	-22.66	Peak	HORIZONTAL
3	11960.00	45.81	39.18	40.10	4.04	2.38	51.31	74.00	-22.69	Peak	HORIZONTAL
4	13930.00	44.60	39.91	39.75	4.45	2.69	51.90	74.00	-22.10	Peak	HORIZONTAL
5	14710.00	43.98	39.73	39.63	4.40	2.48	50.96	74.00	-23.04	Peak	HORIZONTAL
6	16160.00	44.47	37.90	39.93	4.64	2.73	49.81	74.00	-24.19	Peak	HORIZONTAL

- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D 3#/3m/VERTICAL
Memo : 11A 5240

Data: 38



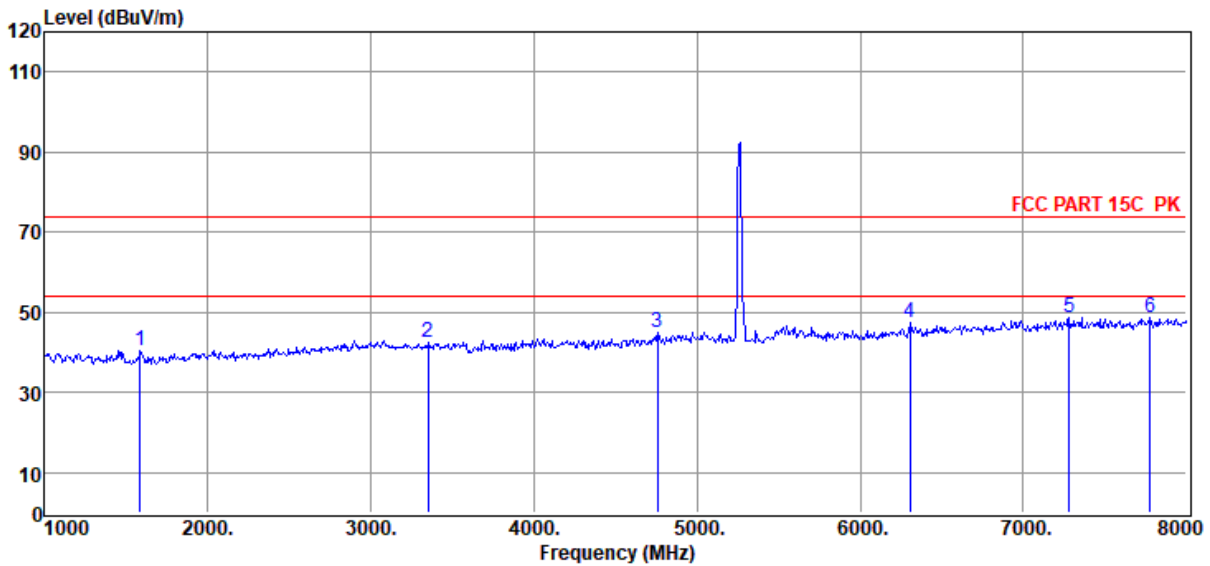
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	8940.00	46.63	38.24	39.89	3.32	2.80	51.10	74.00	-22.90	Peak	VERTICAL
2	10800.00	46.56	39.18	40.28	3.75	2.70	51.91	74.00	-22.09	Peak	VERTICAL
3	12820.00	45.72	39.38	40.35	4.15	2.60	51.50	74.00	-22.50	Peak	VERTICAL
4	13480.00	46.14	39.98	40.06	4.01	2.67	52.74	74.00	-21.26	Peak	VERTICAL
5	14510.00	44.50	39.89	39.65	4.35	2.54	51.63	74.00	-22.37	Peak	VERTICAL
6	17960.00	42.42	42.25	40.68	4.95	2.64	51.58	74.00	-22.42	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D
3#/3m/HORIZONTAL
Memo : 11A 5260

Data: 39



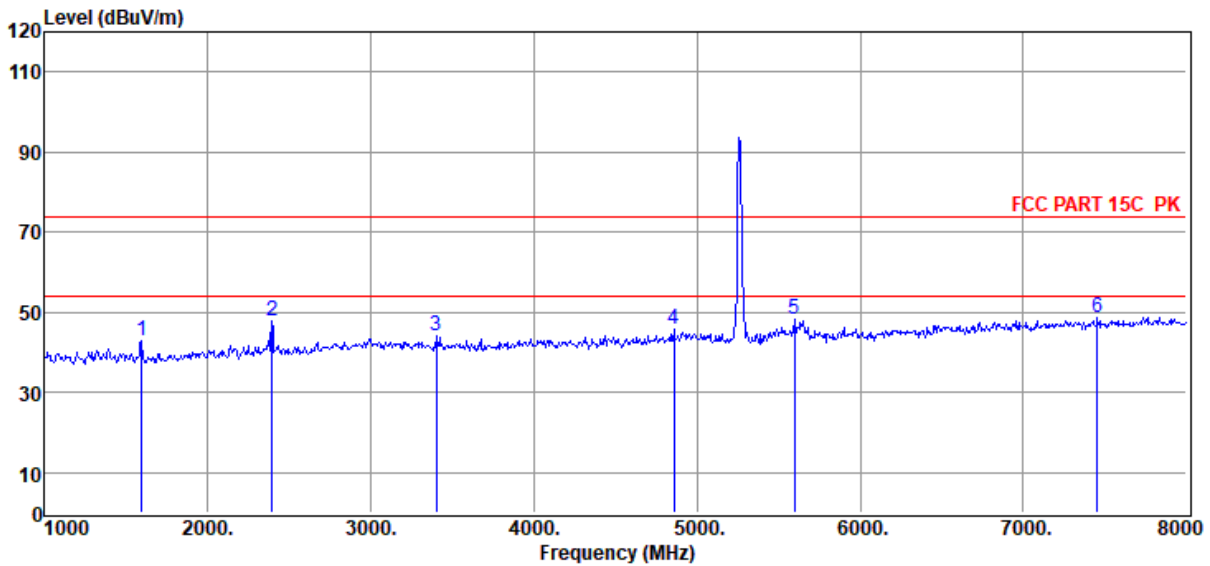
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1588.00	51.48	25.63	38.78	1.42	0.61	40.36	74.00	-33.64	Peak	HORIZONTAL
2	3352.00	50.35	29.43	40.01	1.74	0.81	42.32	74.00	-31.68	Peak	HORIZONTAL
3	4759.00	49.61	32.33	40.35	2.45	0.90	44.94	74.00	-29.06	Peak	HORIZONTAL
4	6306.00	48.62	34.73	40.26	3.18	1.08	47.35	74.00	-26.65	Peak	HORIZONTAL
5	7279.00	48.18	36.22	39.73	3.09	1.00	48.76	74.00	-25.24	Peak	HORIZONTAL
6	7776.00	47.33	36.73	39.78	3.17	1.12	48.57	74.00	-25.43	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D 3#/3m/VERTICAL
Memo : 11A 5260

Data: 40



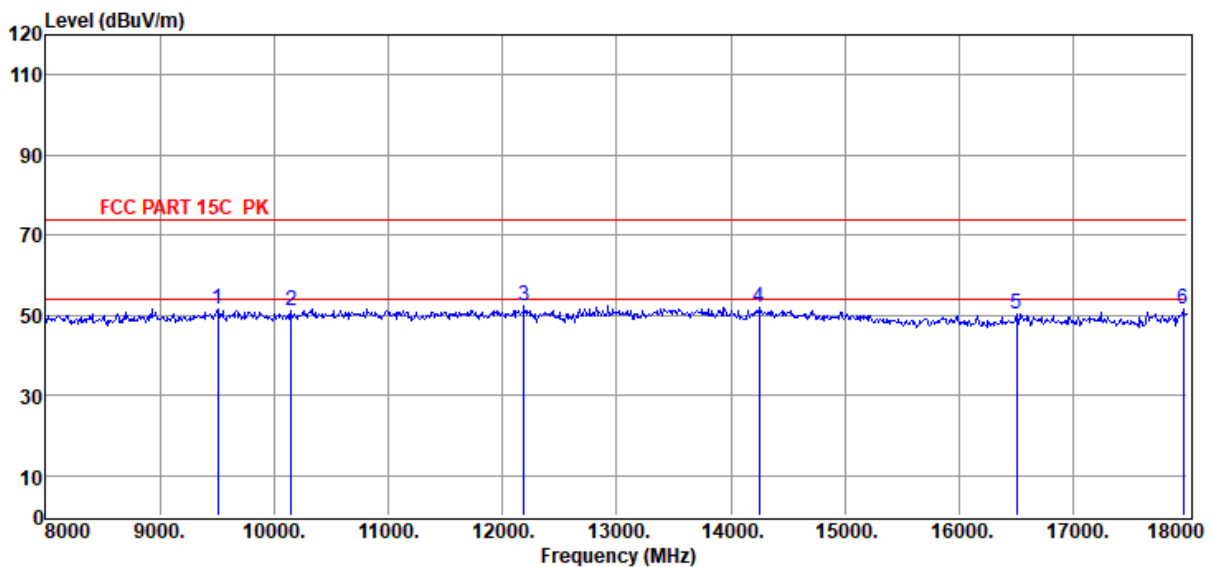
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1595.00	53.90	25.65	38.79	1.42	0.61	42.79	74.00	-31.21	Peak	VERTICAL
2	2393.00	57.57	27.41	39.60	1.71	0.72	47.81	74.00	-26.19	Peak	VERTICAL
3	3401.00	52.21	29.42	40.02	1.73	0.82	44.16	74.00	-29.84	Peak	VERTICAL
4	4857.00	50.17	32.64	40.37	2.49	0.90	45.83	74.00	-28.17	Peak	VERTICAL
5	5599.00	51.94	33.04	40.46	2.66	1.05	48.23	74.00	-25.77	Peak	VERTICAL
6	7454.00	47.86	36.36	39.75	3.13	1.04	48.64	74.00	-25.36	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D
3#/3m/HORIZONTAL
Memo : 11A 5260

Data: 41



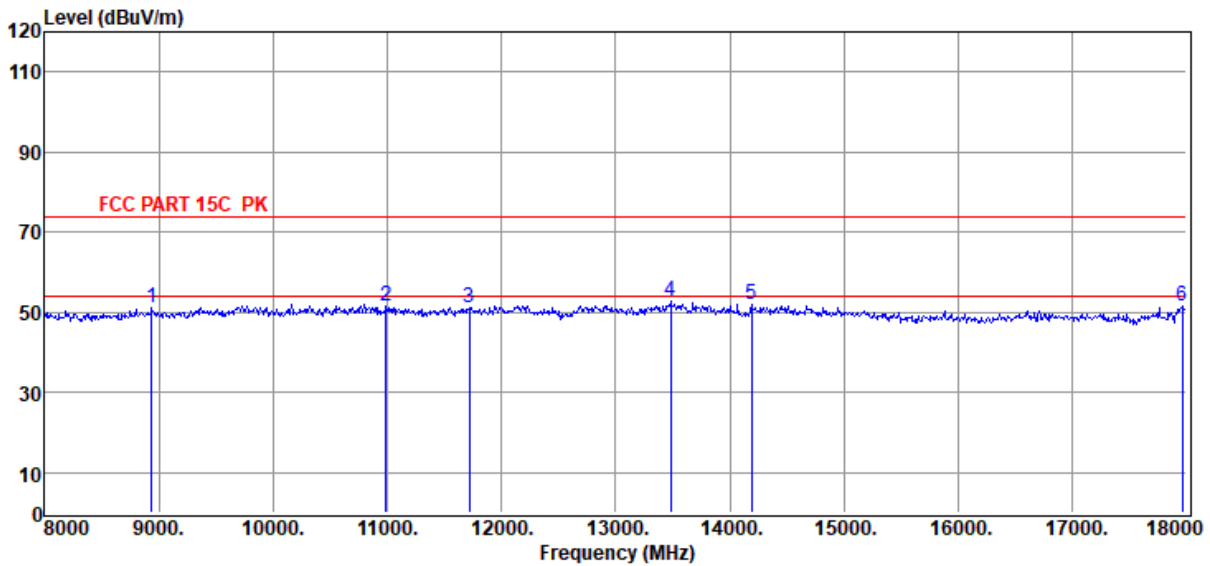
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	9510.00	46.63	38.69	40.26	3.62	2.92	51.60	74.00	-22.40	Peak	HORIZONTAL
2	10150.00	46.34	38.58	40.54	3.67	2.98	51.03	74.00	-22.97	Peak	HORIZONTAL
3	12190.00	47.14	39.12	40.16	3.92	2.42	52.44	74.00	-21.56	Peak	HORIZONTAL
4	14250.00	44.82	39.90	39.67	4.44	2.62	52.11	74.00	-21.89	Peak	HORIZONTAL
5	16500.00	44.80	37.90	40.00	4.73	2.99	50.42	74.00	-23.58	Peak	HORIZONTAL
6	17960.00	42.44	42.25	40.68	4.95	2.64	51.60	74.00	-22.40	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D 3#/3m/VERTICAL
Memo : 11A 5260

Data: 42



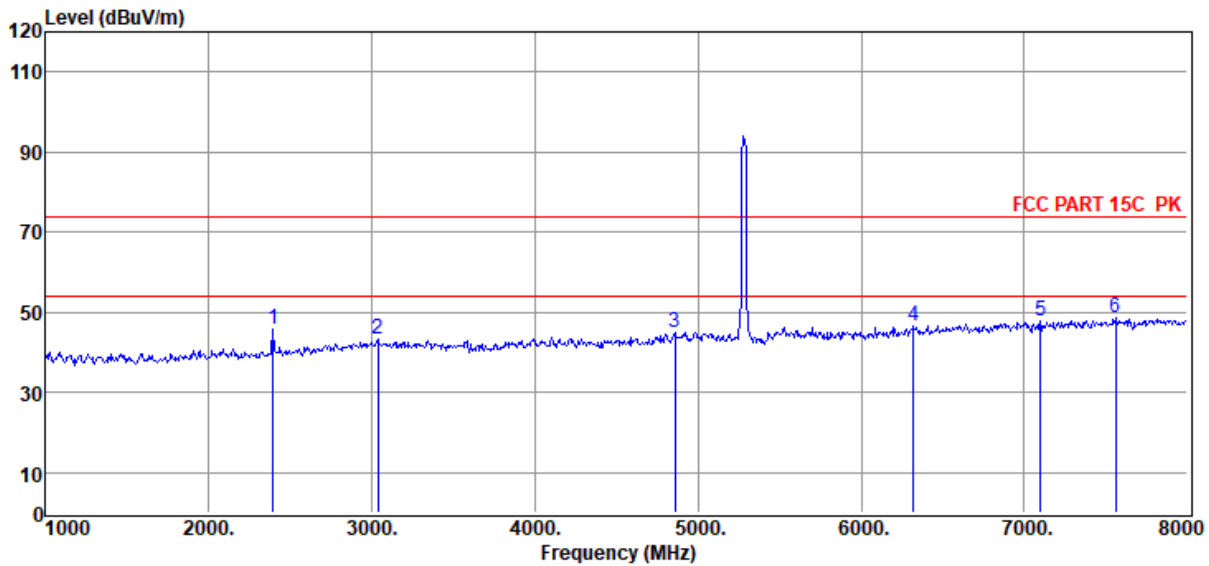
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	8940.00	46.63	38.24	39.89	3.32	2.80	51.10	74.00	-22.90	Peak	VERTICAL
2	10990.00	45.92	39.29	40.20	3.80	2.62	51.43	74.00	-22.57	Peak	VERTICAL
3	11720.00	45.90	39.09	40.13	4.01	2.44	51.31	74.00	-22.69	Peak	VERTICAL
4	13480.00	46.14	39.98	40.06	4.01	2.67	52.74	74.00	-21.26	Peak	VERTICAL
5	14190.00	44.74	39.90	39.68	4.46	2.63	52.05	74.00	-21.95	Peak	VERTICAL
6	17960.00	42.42	42.25	40.68	4.95	2.64	51.58	74.00	-22.42	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D
3#/3m/HORIZONTAL
Memo : 11A 5280

Data: 43



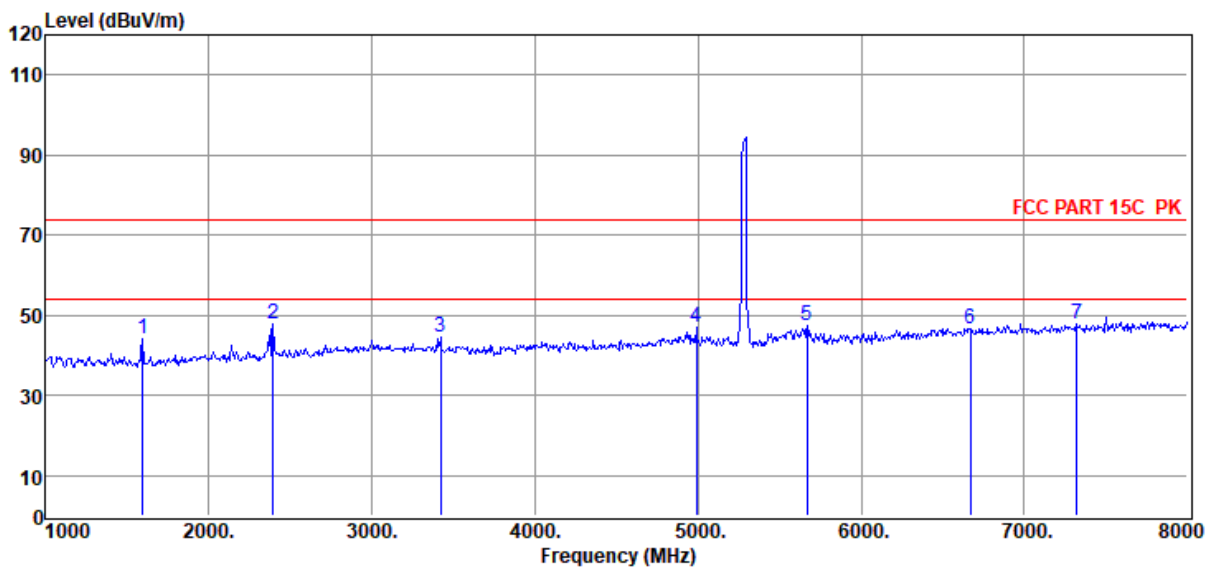
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	2393.00	55.65	27.41	39.60	1.71	0.72	45.89	74.00	-28.11	Peak	HORIZONTAL
2	3037.00	50.88	29.49	39.91	1.86	0.79	43.11	74.00	-30.89	Peak	HORIZONTAL
3	4857.00	49.33	32.64	40.37	2.49	0.90	44.99	74.00	-29.01	Peak	HORIZONTAL
4	6320.00	47.94	34.77	40.24	3.18	1.07	46.72	74.00	-27.28	Peak	HORIZONTAL
5	7097.00	47.61	36.08	39.71	3.04	0.95	47.97	74.00	-26.03	Peak	HORIZONTAL
6	7559.00	47.70	36.47	39.76	3.15	1.07	48.63	74.00	-25.37	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D 3#/3m/VERTICAL
Memo : 11A 5280

Data: 44



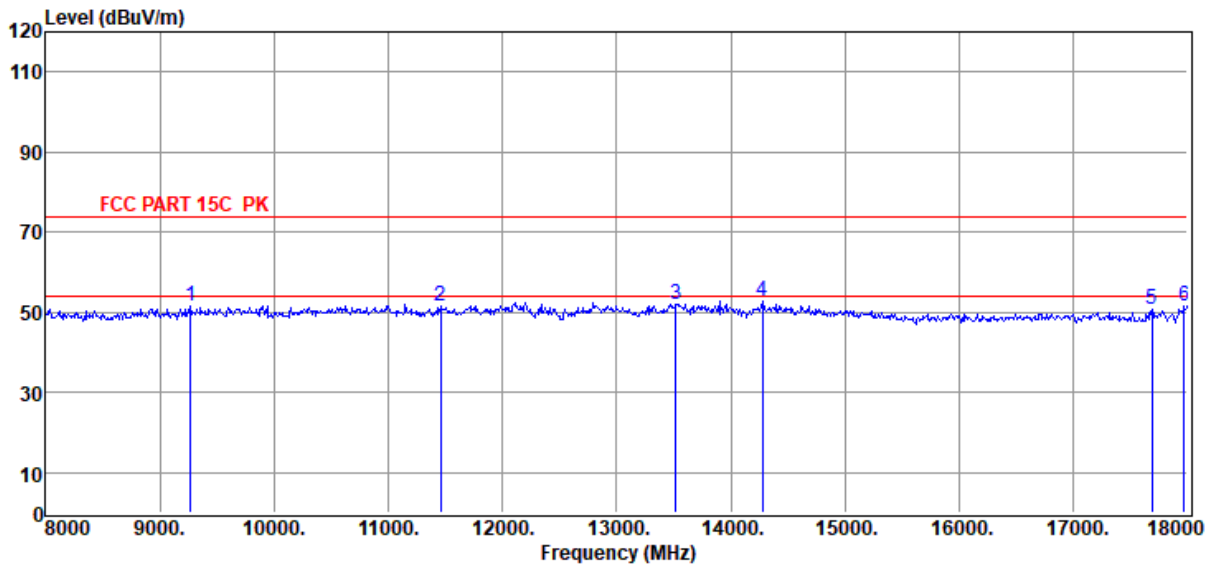
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1595.00	55.18	25.65	38.79	1.42	0.61	44.07	74.00	-29.93	Peak	VERTICAL
2	2393.00	57.48	27.41	39.60	1.71	0.72	47.72	74.00	-26.28	Peak	VERTICAL
3	3422.00	52.62	29.42	40.03	1.72	0.82	44.55	74.00	-29.45	Peak	VERTICAL
4	4990.00	50.92	33.07	40.40	2.54	0.91	47.04	74.00	-26.96	Peak	VERTICAL
5	5669.00	51.04	33.21	40.47	2.73	1.06	47.57	74.00	-26.43	Peak	VERTICAL
6	6670.00	47.06	35.47	39.96	3.18	1.00	46.75	74.00	-27.25	Peak	VERTICAL
7	7321.00	47.31	36.26	39.73	3.10	1.01	47.95	74.00	-26.05	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D
3#/3m/HORIZONTAL
Memo : 11A 5280

Data: 45



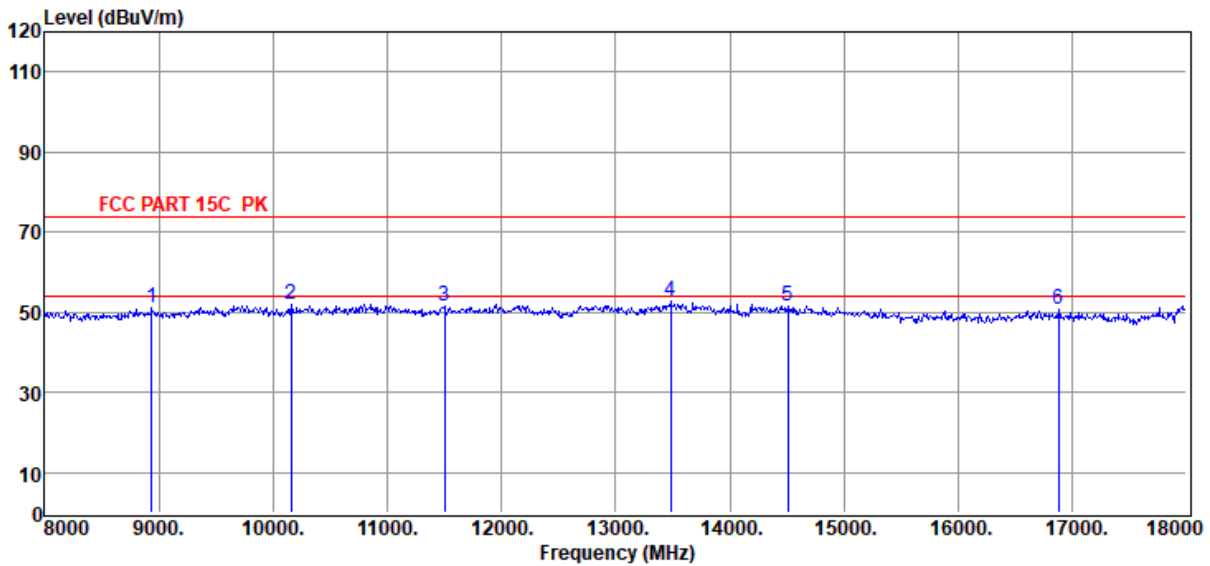
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	9270.00	46.92	38.52	40.09	3.49	2.86	51.70	74.00	-22.30	Peak	HORIZONTAL
2	11460.00	46.12	39.02	40.15	3.96	2.50	51.45	74.00	-22.55	Peak	HORIZONTAL
3	13520.00	45.51	40.00	40.04	4.01	2.67	52.15	74.00	-21.85	Peak	HORIZONTAL
4	14280.00	45.41	39.90	39.67	4.43	2.61	52.68	74.00	-21.32	Peak	HORIZONTAL
5	17690.00	42.94	40.58	40.51	4.87	2.85	50.73	74.00	-23.27	Peak	HORIZONTAL
6	17970.00	42.37	42.31	40.68	4.95	2.63	51.58	74.00	-22.42	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D 3#/3m/VERTICAL
Memo : 11A 5280

Data: 46



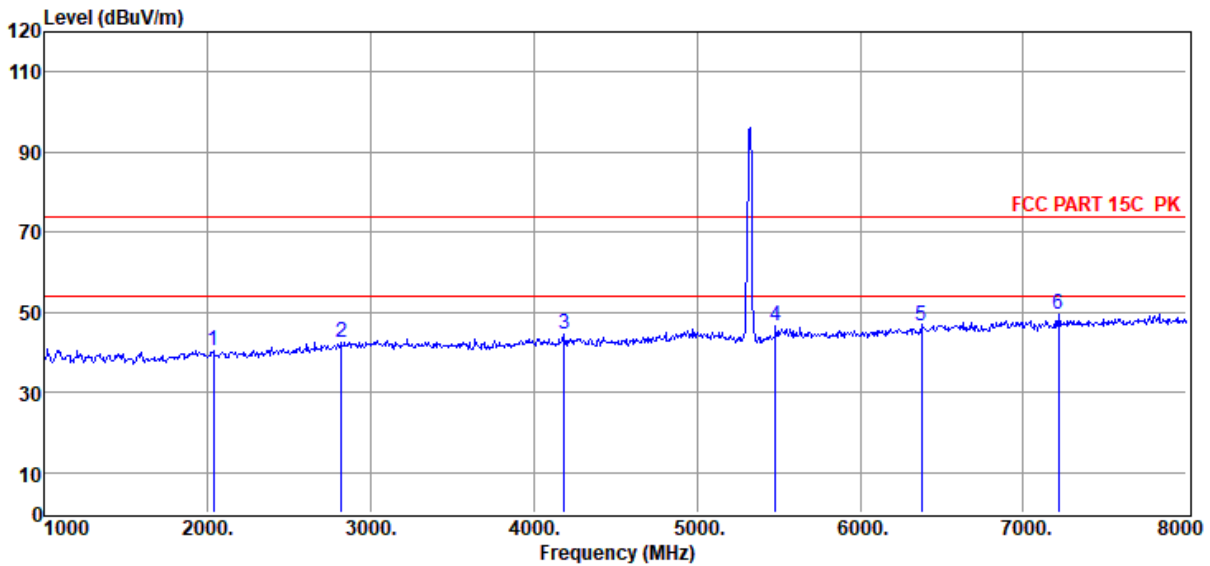
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	8940.00	46.63	38.24	39.89	3.32	2.80	51.10	74.00	-22.90	Peak	VERTICAL
2	10160.00	47.27	38.59	40.54	3.67	2.97	51.96	74.00	-22.04	Peak	VERTICAL
3	11500.00	46.39	39.00	40.15	3.97	2.49	51.70	74.00	-22.30	Peak	VERTICAL
4	13480.00	46.14	39.98	40.06	4.01	2.67	52.74	74.00	-21.26	Peak	VERTICAL
5	14510.00	44.50	39.89	39.65	4.35	2.54	51.63	74.00	-22.37	Peak	VERTICAL
6	16880.00	44.44	38.36	40.08	4.71	3.30	50.73	74.00	-23.27	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D
3#/3m/HORIZONTAL
Memo : 11A 5320

Data: 47



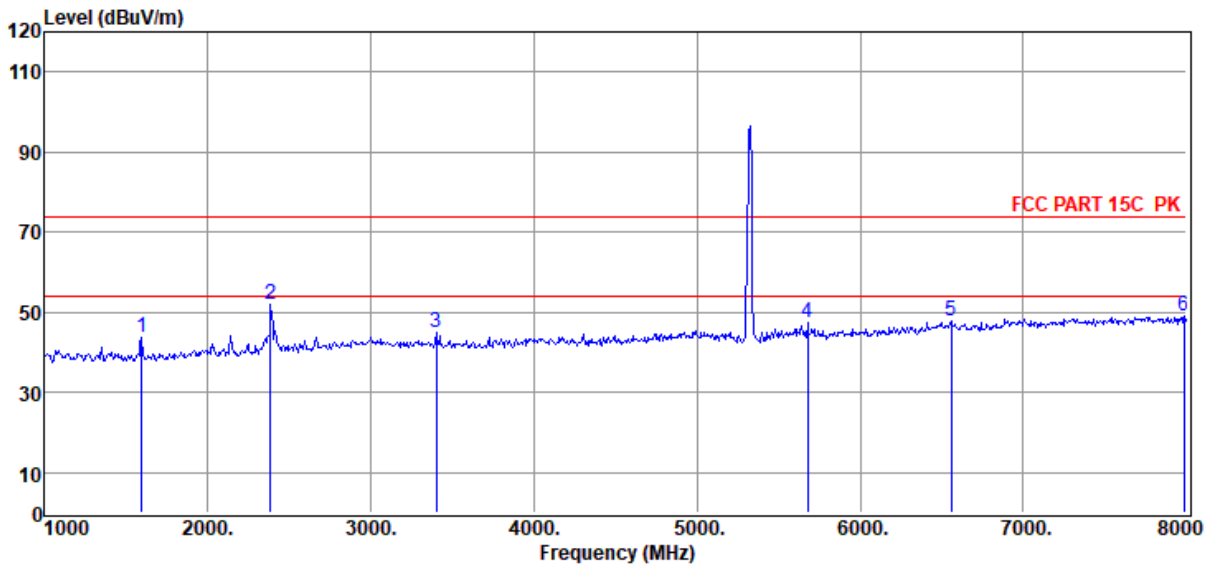
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	2036.00	50.81	26.76	39.42	1.61	0.68	40.44	74.00	-33.56	Peak	HORIZONTAL
2	2820.00	50.81	28.82	39.81	1.82	0.77	42.41	74.00	-31.59	Peak	HORIZONTAL
3	4185.00	50.28	31.25	40.24	2.20	0.87	44.36	74.00	-29.64	Peak	HORIZONTAL
4	5480.00	50.53	32.81	40.45	2.57	1.02	46.48	74.00	-27.52	Peak	HORIZONTAL
5	6376.00	47.68	34.90	40.20	3.21	1.06	46.65	74.00	-27.35	Peak	HORIZONTAL
6	7216.00	48.83	36.17	39.72	3.07	0.98	49.33	74.00	-24.67	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D 3#/3m/VERTICAL
Memo : 11A 5320

Data: 48



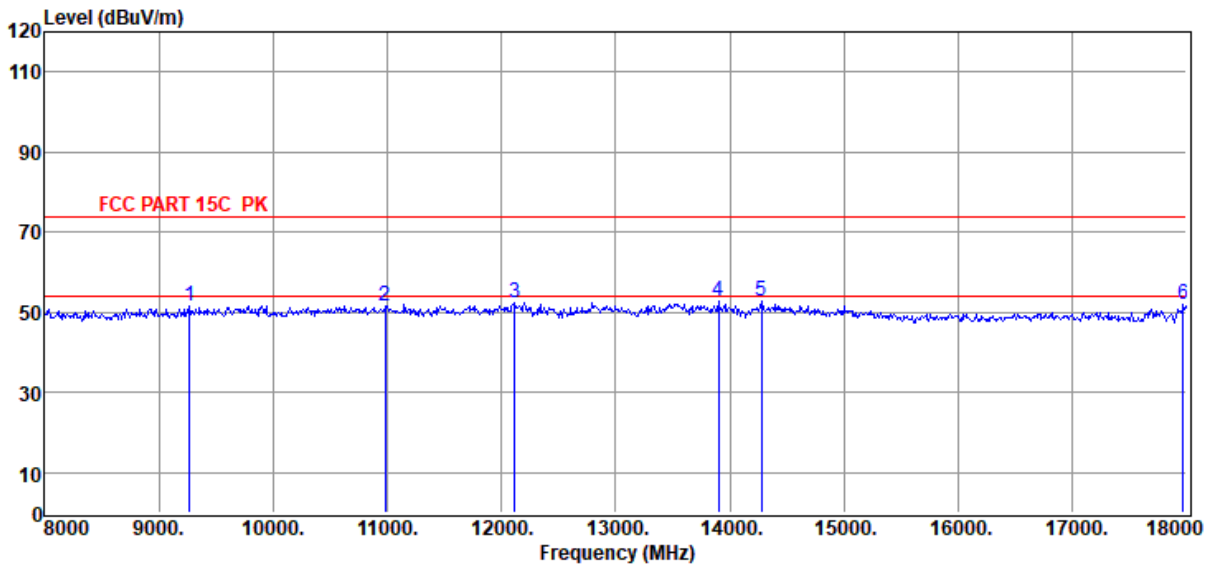
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1595.00	54.66	25.65	38.79	1.42	0.61	43.55	74.00	-30.45	Peak	VERTICAL
2	2386.00	61.74	27.39	39.59	1.71	0.72	51.97	74.00	-22.03	Peak	VERTICAL
3	3401.00	52.98	29.42	40.02	1.73	0.82	44.93	74.00	-29.07	Peak	VERTICAL
4	5676.00	50.82	33.22	40.47	2.73	1.07	47.37	74.00	-26.63	Peak	VERTICAL
5	6558.00	48.46	35.29	40.05	3.24	1.02	47.96	74.00	-26.04	Peak	VERTICAL
6	7986.00	47.70	36.98	39.80	3.19	1.18	49.25	74.00	-24.75	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D
3#/3m/HORIZONTAL
Memo : 11A 5320

Data: 49



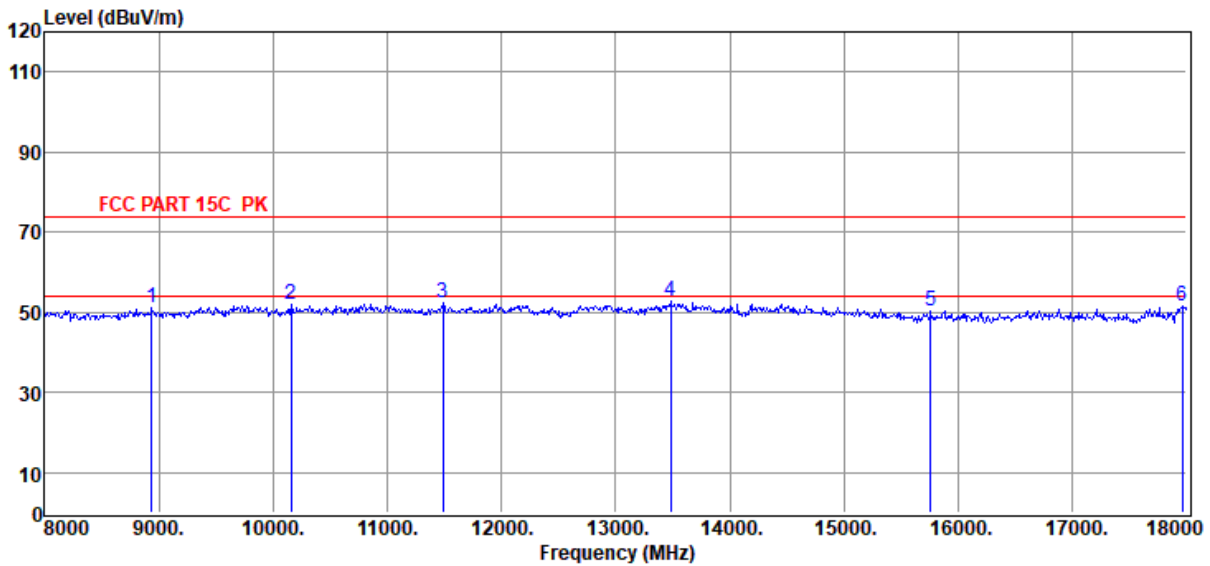
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	9270.00	46.92	38.52	40.09	3.49	2.86	51.70	74.00	-22.30	Peak	HORIZONTAL
2	10980.00	46.25	39.29	40.21	3.79	2.63	51.75	74.00	-22.25	Peak	HORIZONTAL
3	12120.00	46.95	39.15	40.14	3.97	2.40	52.33	74.00	-21.67	Peak	HORIZONTAL
4	13900.00	45.66	39.92	39.77	4.42	2.69	52.92	74.00	-21.08	Peak	HORIZONTAL
5	14280.00	45.41	39.90	39.67	4.43	2.61	52.68	74.00	-21.32	Peak	HORIZONTAL
6	17970.00	42.84	42.31	40.68	4.95	2.63	52.05	74.00	-21.95	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D 3#/3m/VERTICAL
Memo : 11A 5320

Data: 50



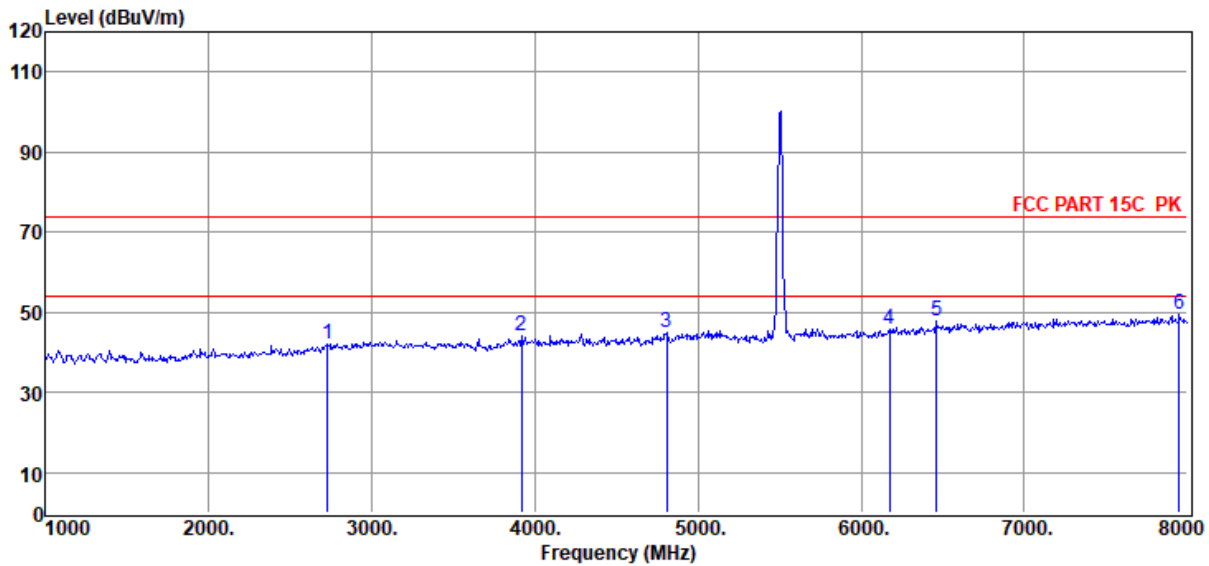
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	8940.00	46.63	38.24	39.89	3.32	2.80	51.10	74.00	-22.90	Peak	VERTICAL
2	10160.00	47.27	38.59	40.54	3.67	2.97	51.96	74.00	-22.04	Peak	VERTICAL
3	11490.00	46.86	39.01	40.15	3.97	2.50	52.19	74.00	-21.81	Peak	VERTICAL
4	13480.00	46.14	39.98	40.06	4.01	2.67	52.74	74.00	-21.26	Peak	VERTICAL
5	15760.00	44.74	38.33	39.83	4.58	2.55	50.37	74.00	-23.63	Peak	VERTICAL
6	17960.00	42.42	42.25	40.68	4.95	2.64	51.58	74.00	-22.42	Peak	VERTICAL

- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D
3#/3m/HORIZONTAL
Memo : 11A 5500

Data: 51



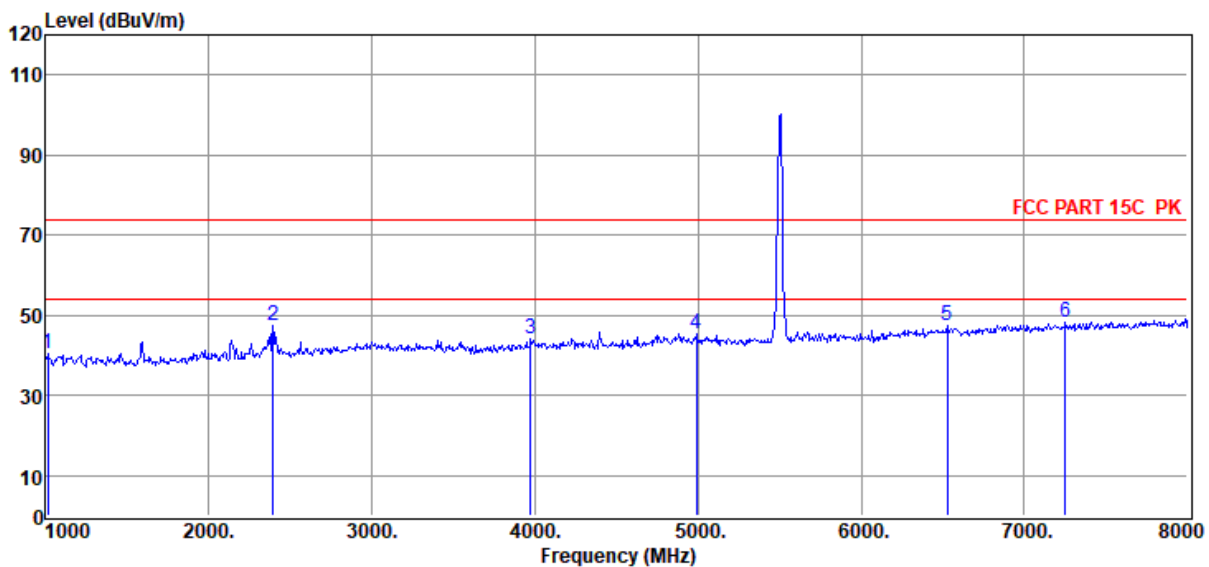
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	2729.00	50.97	28.47	39.76	1.80	0.76	42.24	74.00	-31.76	Peak	HORIZONTAL
2	3919.00	50.74	30.82	40.18	2.04	0.85	44.27	74.00	-29.73	Peak	HORIZONTAL
3	4808.00	49.49	32.49	40.36	2.47	0.90	44.99	74.00	-29.01	Peak	HORIZONTAL
4	6173.00	47.59	34.42	40.36	3.11	1.10	45.86	74.00	-28.14	Peak	HORIZONTAL
5	6460.00	48.56	35.10	40.13	3.25	1.04	47.82	74.00	-26.18	Peak	HORIZONTAL
6	7951.00	48.10	36.94	39.80	3.19	1.17	49.60	74.00	-24.40	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D 3#/3m/VERTICAL
Memo : 11A 5500

Data: 52



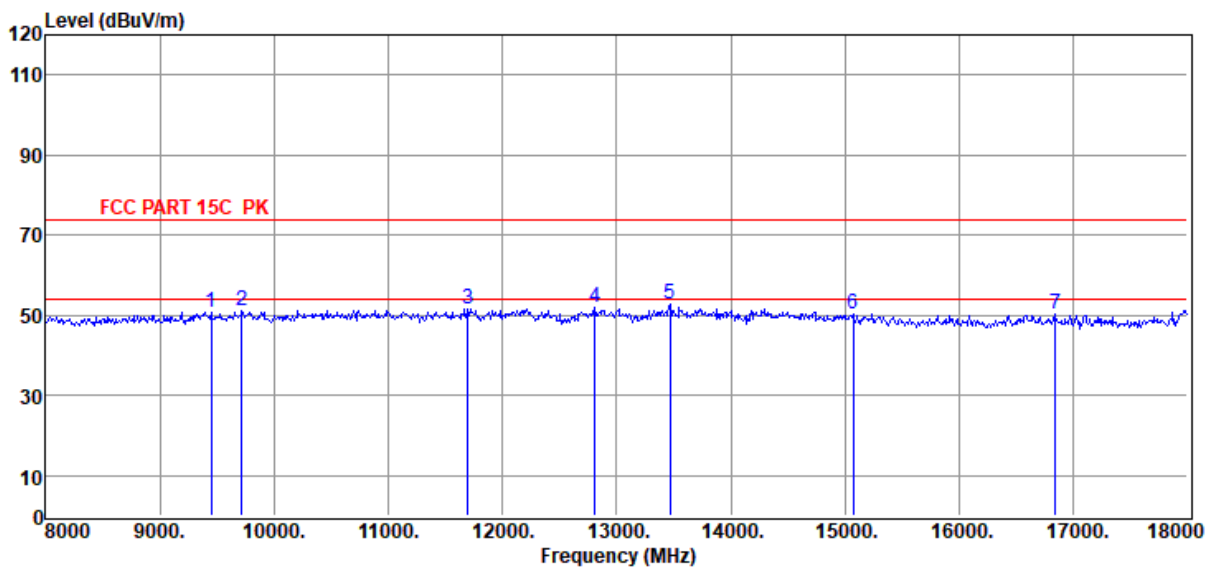
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1014.00	51.12	25.50	37.92	1.11	0.50	40.31	74.00	-33.69	Peak	VERTICAL
2	2393.00	57.24	27.41	39.60	1.71	0.72	47.48	74.00	-26.52	Peak	VERTICAL
3	3975.00	50.25	31.01	40.19	2.09	0.86	44.02	74.00	-29.98	Peak	VERTICAL
4	4990.00	49.20	33.07	40.40	2.54	0.91	45.32	74.00	-28.68	Peak	VERTICAL
5	6530.00	48.10	35.25	40.08	3.25	1.03	47.55	74.00	-26.45	Peak	VERTICAL
6	7251.00	47.71	36.20	39.73	3.08	0.99	48.25	74.00	-25.75	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3# D:\E3 6.111\2022 Report Data\Q22062203-2E UCS15\FCC ABOVE 1G 5G.EM6
Test Date : 2022-08-23 **Tested By** : Bairong
EUT : Integrated video conference terminal **Model Number** : UC S15
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : Temp:23.1°C,Humi:51.5%,Press:100.3kPa **Antenna/Distance** : 2021 BBHA 9120D
3#/3m/HORIZONTAL
Memo : 11A 5500

Data: 53



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	9450.00	45.85	38.66	40.22	3.59	2.91	50.79	74.00	-23.21	Peak	HORIZONTAL
2	9720.00	46.42	38.57	40.40	3.64	2.97	51.20	74.00	-22.80	Peak	HORIZONTAL
3	11700.00	46.12	39.08	40.13	4.00	2.44	51.51	74.00	-22.49	Peak	HORIZONTAL
4	12810.00	46.05	39.37	40.34	4.14	2.60	51.82	74.00	-22.18	Peak	HORIZONTAL
5	13470.00	46.20	39.98	40.07	4.01	2.67	52.79	74.00	-21.21	Peak	HORIZONTAL
6	15070.00	43.63	39.40	39.62	4.48	2.40	50.29	74.00	-23.71	Peak	HORIZONTAL
7	16840.00	44.06	38.31	40.07	4.72	3.26	50.28	74.00	-23.72	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.