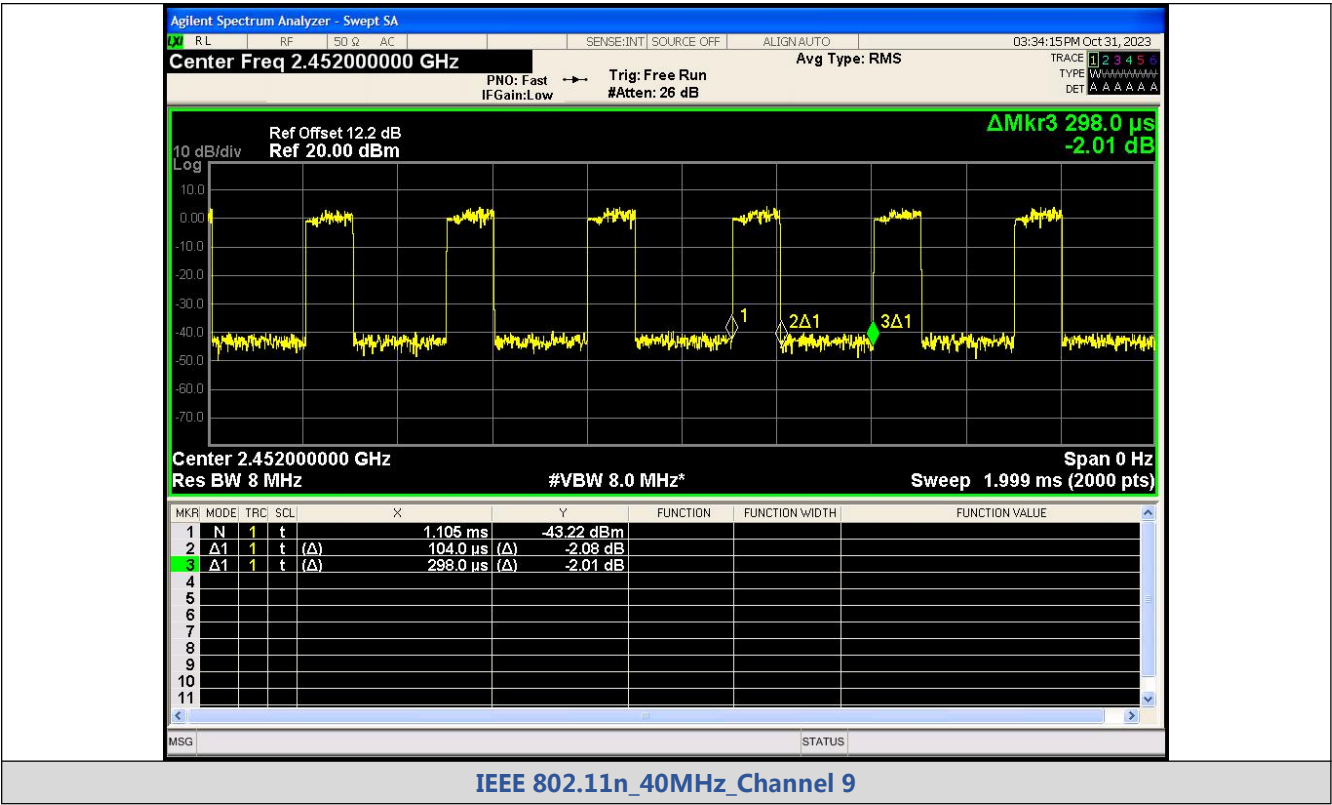


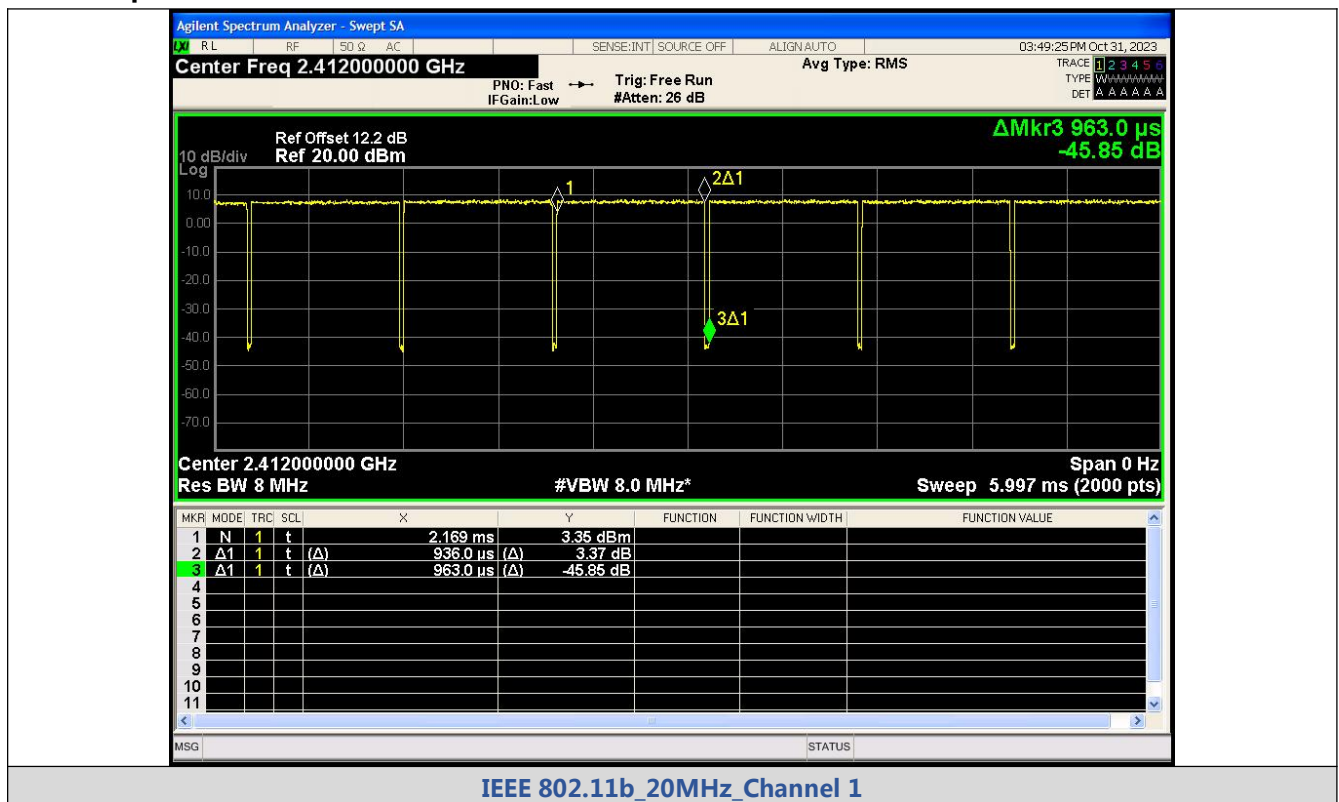


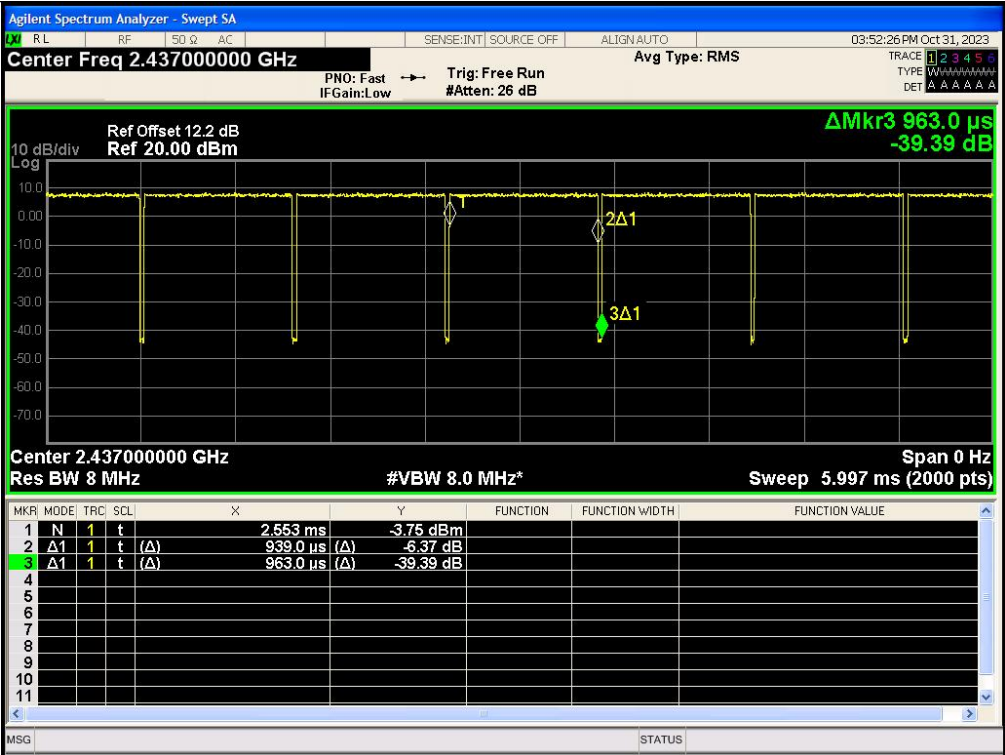
Antenna 2:

Test Result

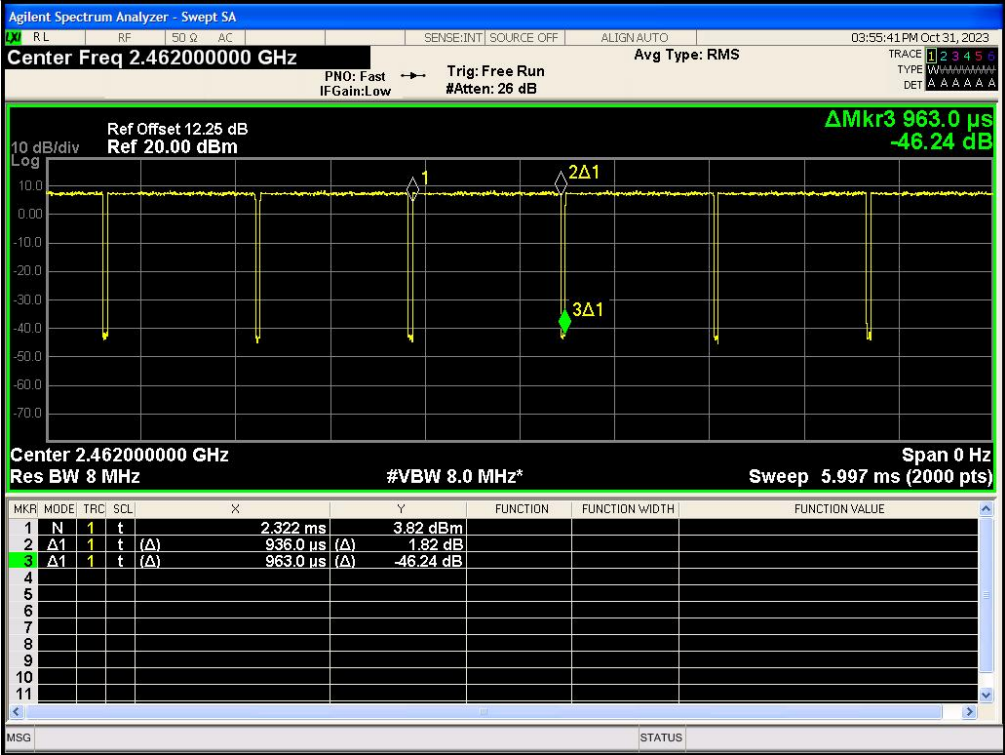
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11b	11	1	2	0.936	0.963	97.20	0.9720	0.1233
		6		0.939	0.963	97.51	0.9751	0.1095
		11		0.936	0.963	97.20	0.9720	0.1233
IEEE 802.11g	54	1		0.179	0.294	60.99	0.6099	2.1474
		6		0.180	0.303	59.41	0.5941	2.2614
		11		0.180	0.303	59.41	0.5941	2.2614
IEEE 802.11n_20	MCS 7	1		0.167	0.309	53.94	0.5394	2.6809
		6		0.168	0.300	56.00	0.5600	2.5181
		11		0.168	0.300	56.00	0.5600	2.5181
IEEE 802.11n_40		3		0.103	0.298	34.44	0.3444	4.6294
		6		0.104	0.298	34.90	0.3490	4.5717
		9		0.104	0.299	34.78	0.3478	4.5867

Test Graphs

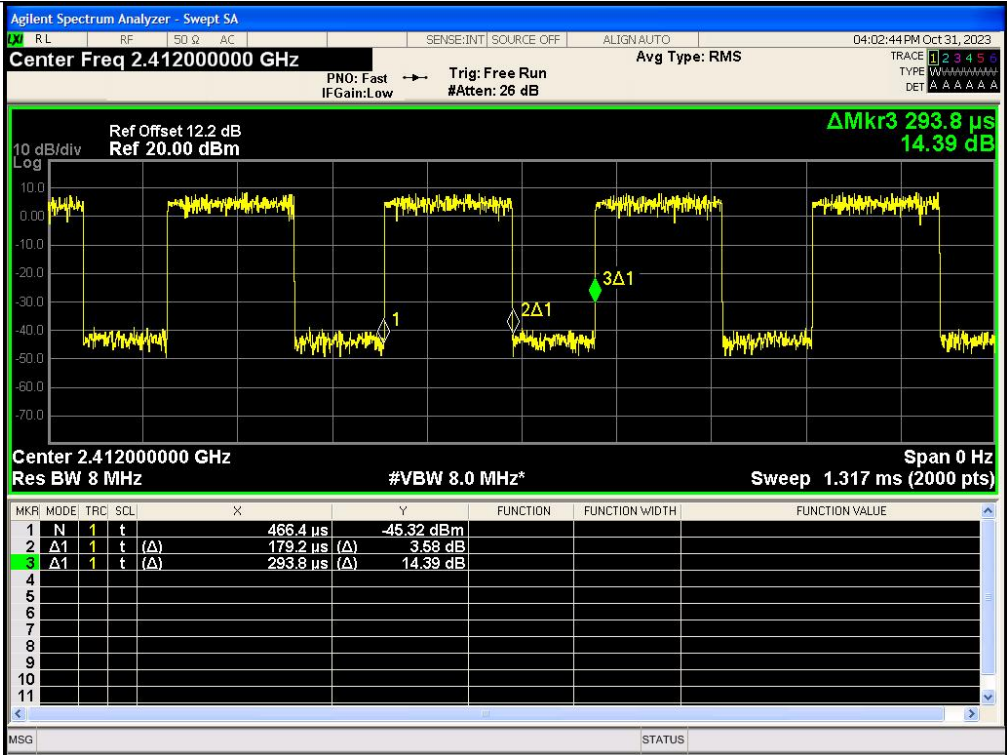




IEEE 802.11b_20MHz_Channel 6



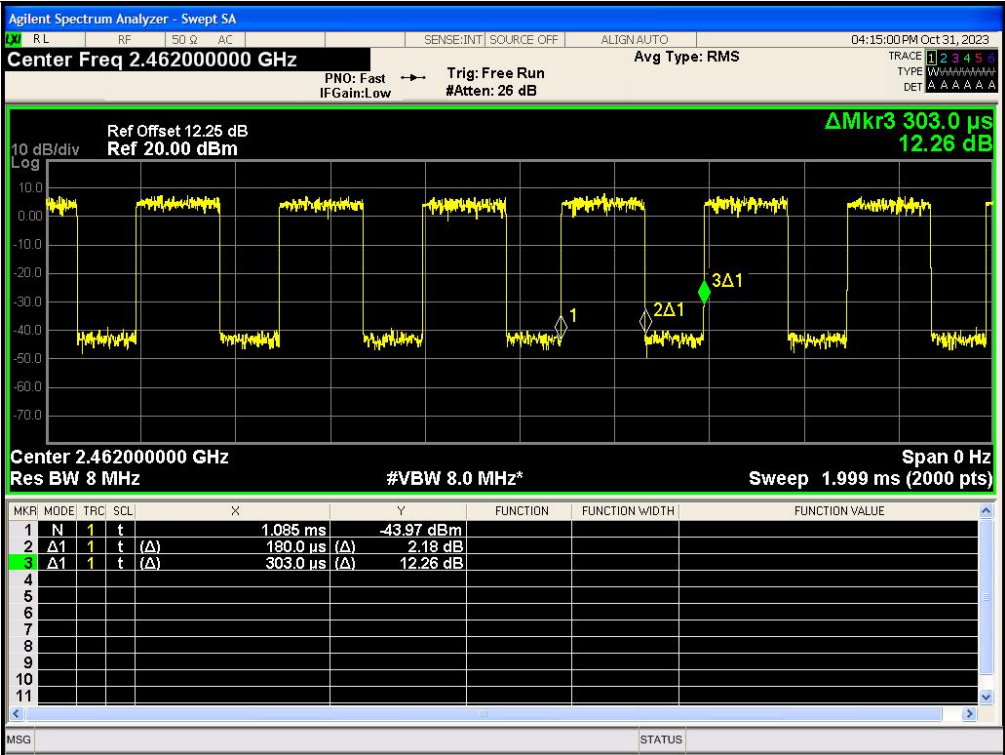
IEEE 802.11b_20MHz_Channel 11



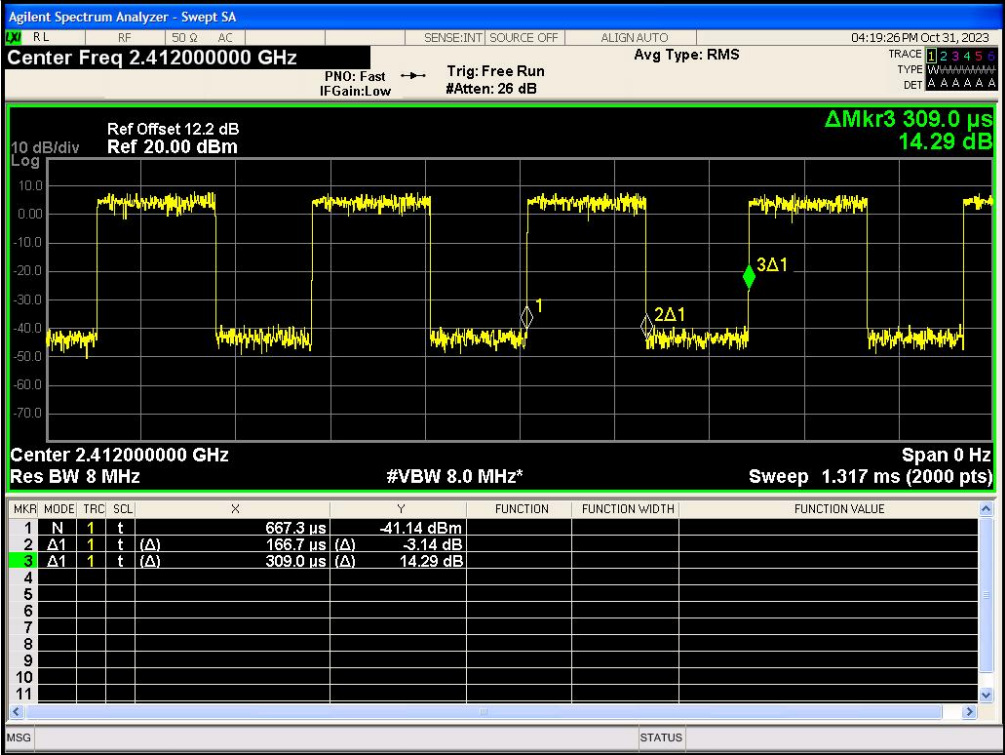
IEEE 802.11g_20MHz_Channel 1



IEEE 802.11g_20MHz_Channel 6



IEEE 802.11g_20MHz_Channel 11



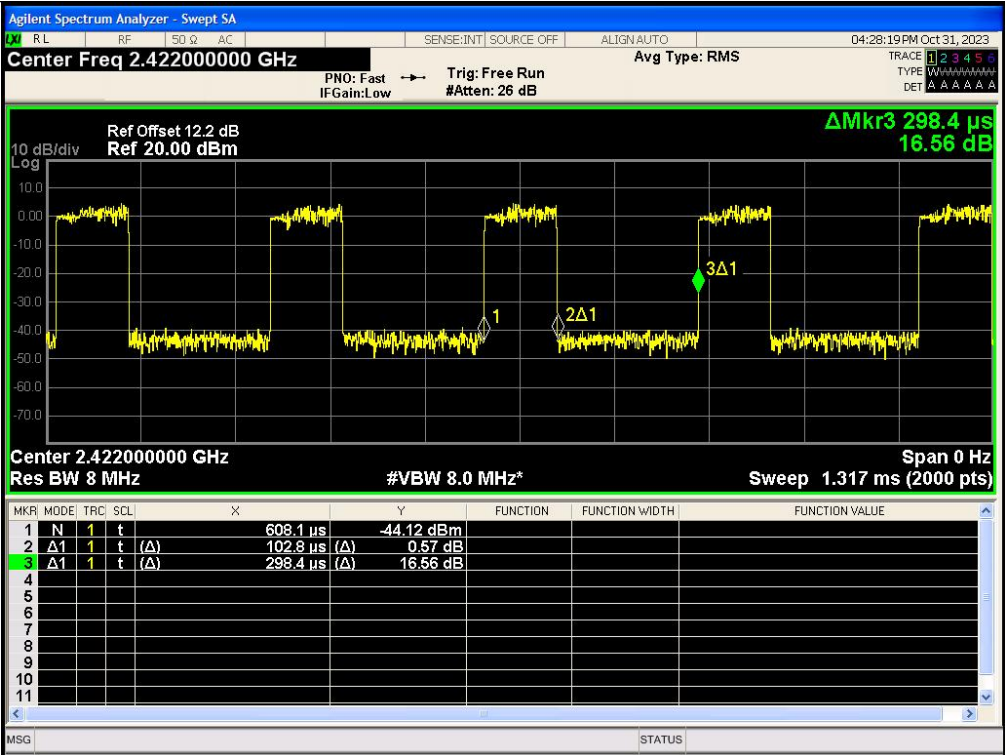
IEEE 802.11n_20MHz_Channel 1



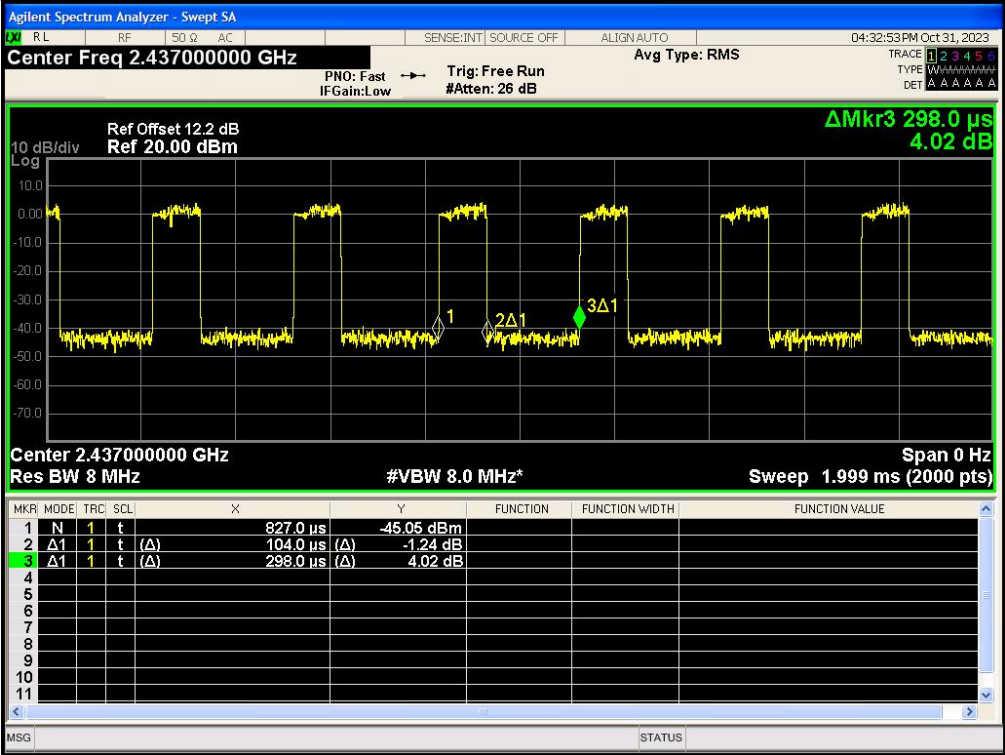
IEEE 802.11n_20MHz_Channel 6



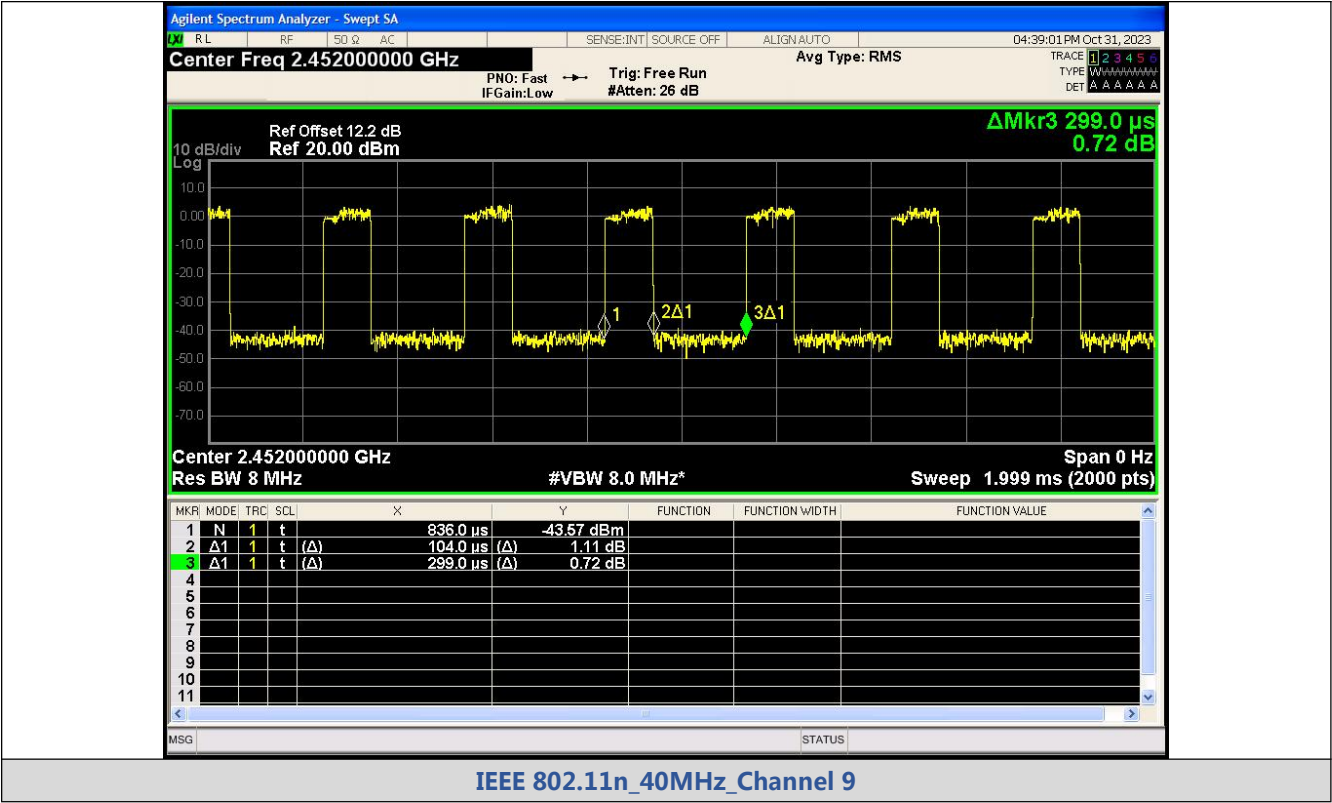
IEEE 802.11n_20MHz_Channel 11



IEEE 802.11n_40MHz_Channel 3



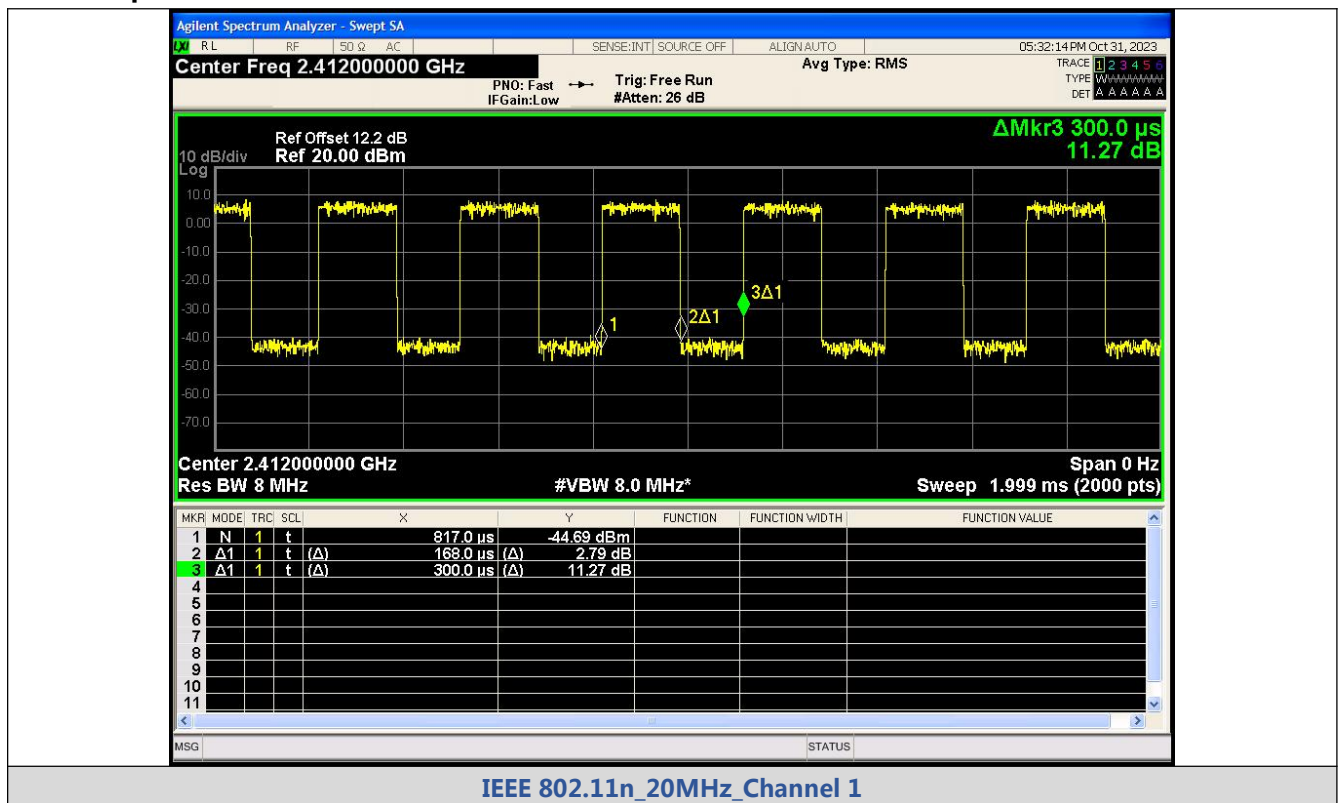
IEEE 802.11n_40MHz_Channel 6

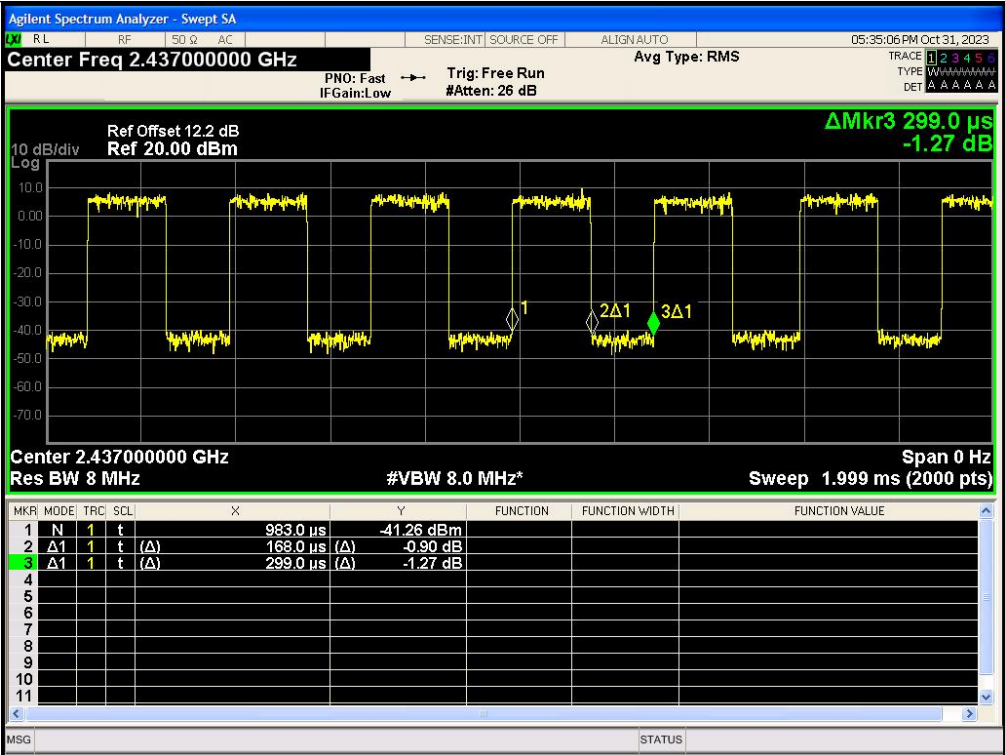


Antenna 1+2:

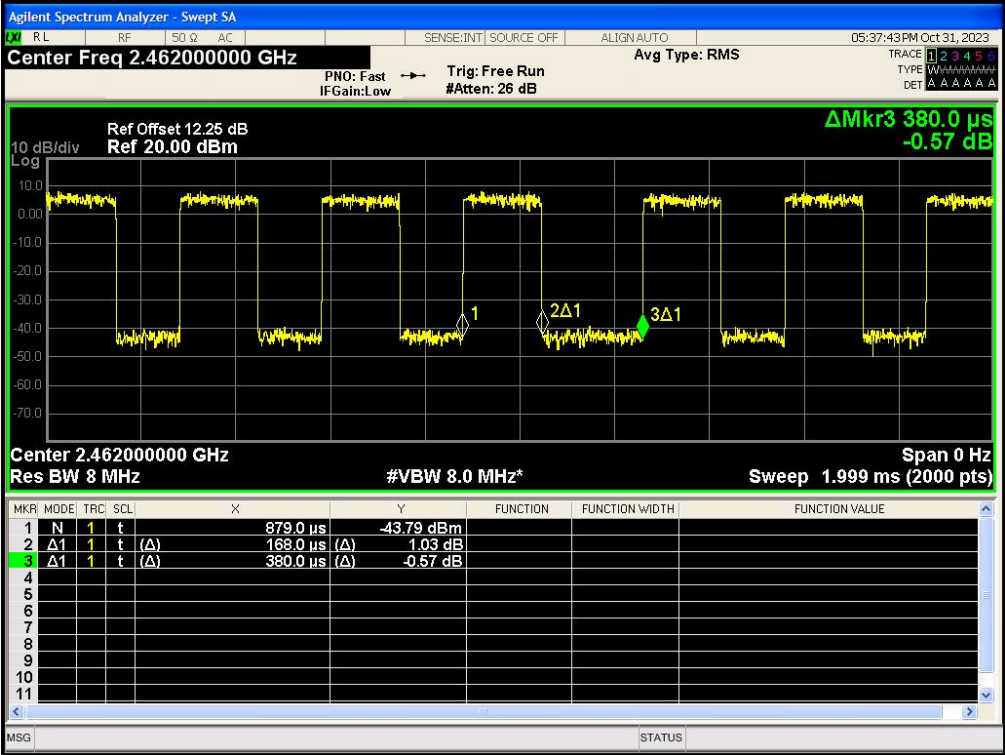
Test Result

Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
IEEE 802.11n_20	MCS 7	1	1	0.168	0.300	56.00	0.5600	2.5181
		6		0.168	0.299	56.19	0.5619	2.5034
		11		0.168	0.380	44.21	0.4421	3.5448
IEEE 802.11n_40		3		0.105	0.299	35.12	0.3512	4.5445
		6		0.103	0.298	34.44	0.3444	4.6294
		9		0.104	0.298	34.90	0.3490	4.5717

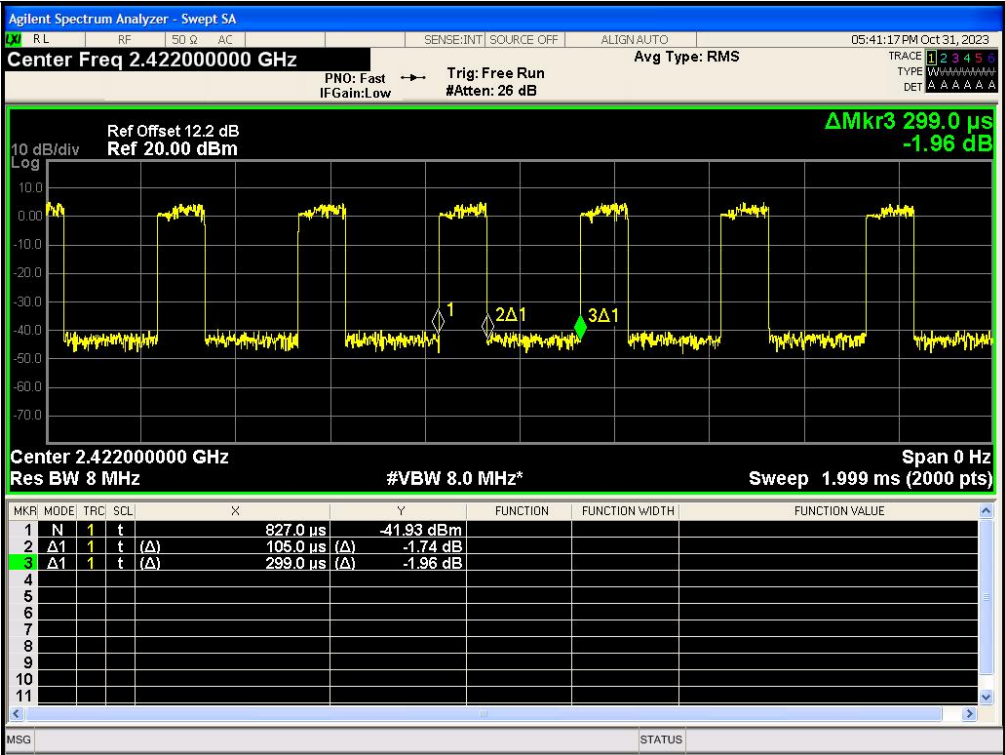
Test Graphs



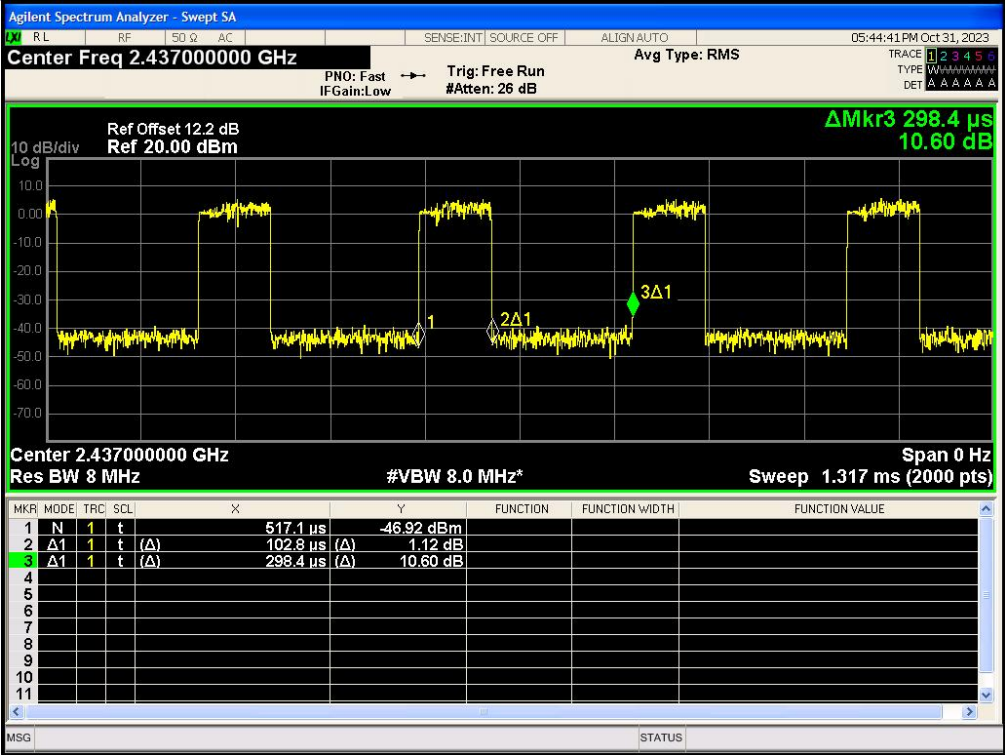
IEEE 802.11n_20MHz_Channel 6



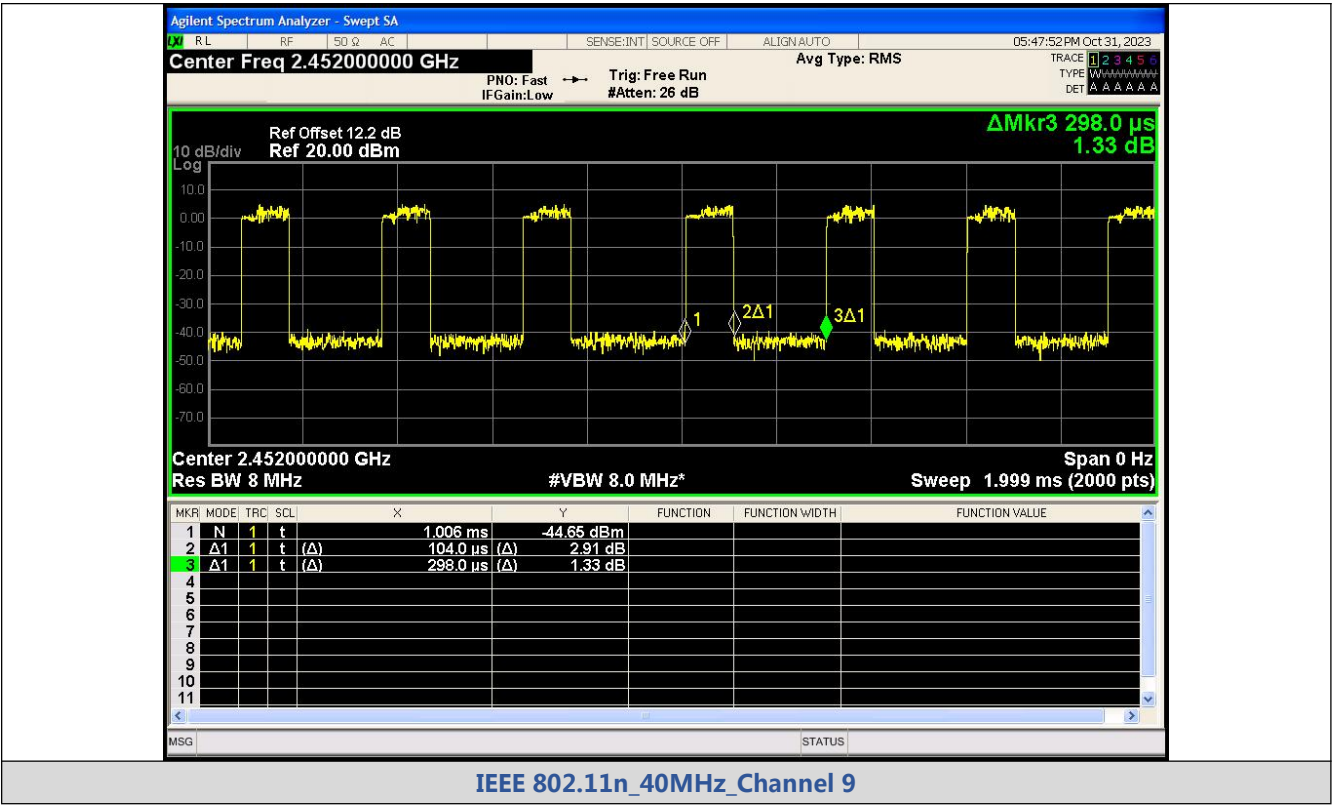
IEEE 802.11n_20MHz_Channel 11



IEEE 802.11n_40MHz_Channel 3



IEEE 802.11n_40MHz_Channel 6



APPENDIX VI. Power Spectral Density

Antenna 1:

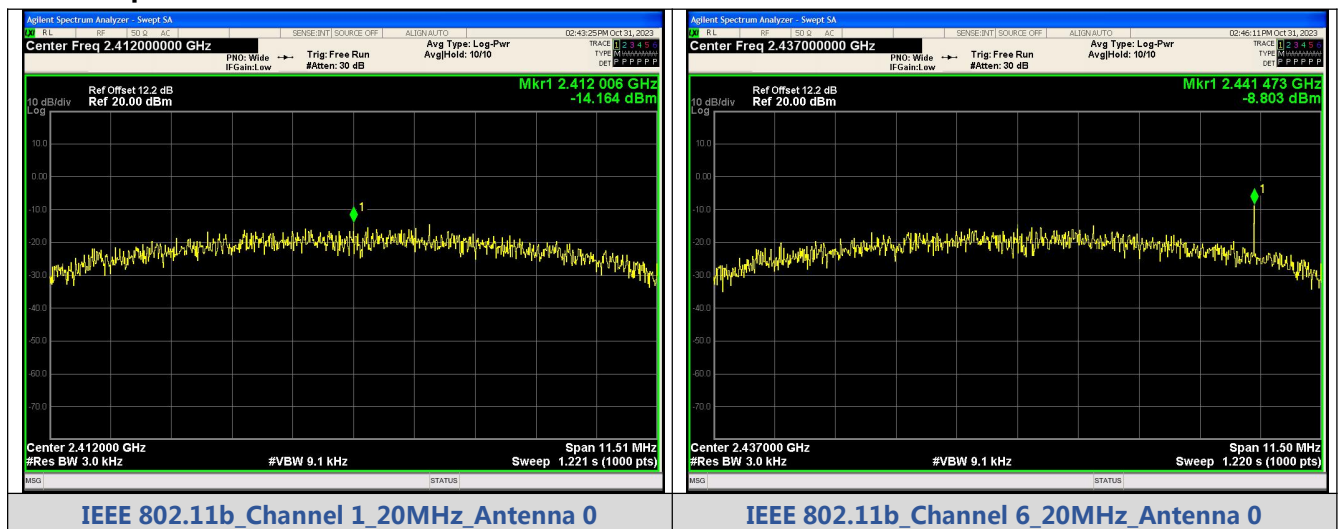
Test Result

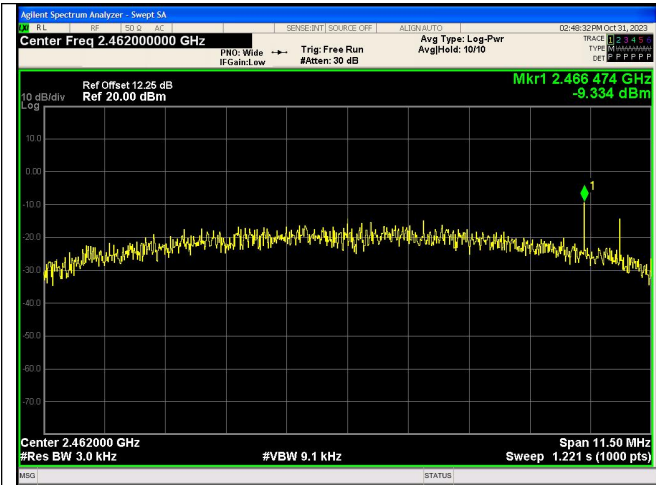
Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-14.164	8	PASS
	6	-8.803		PASS
	11	-9.334		PASS
IEEE 802.11g	1	-18.637		PASS
	6	-18.939		PASS
	11	-18.769		PASS
IEEE 802.11n_20	1	-18.827		PASS
	6	-19.092		PASS
	11	-17.901		PASS
IEEE 802.11n_40	3	-22.962		PASS
	6	-22.258		PASS
	9	-21.624		PASS

Note1: Antenna Gain: Ant1: 4.27dBi; Ant2: 4.24dBi;

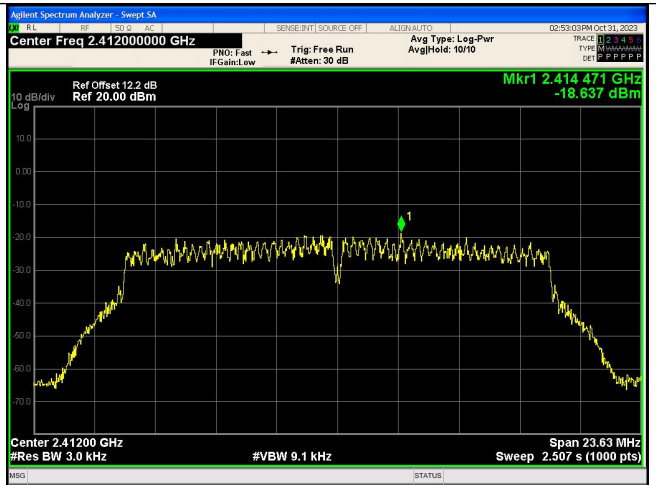
Note2: Directional Gain: Uncorrelated (Directional Gain = Ant Gain)

Test Graphs

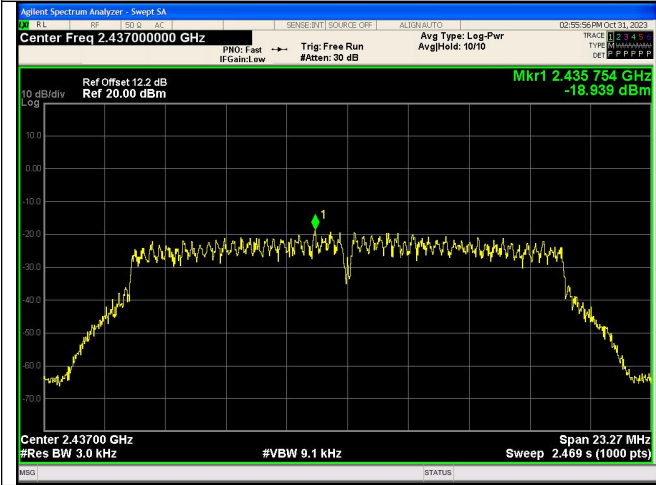




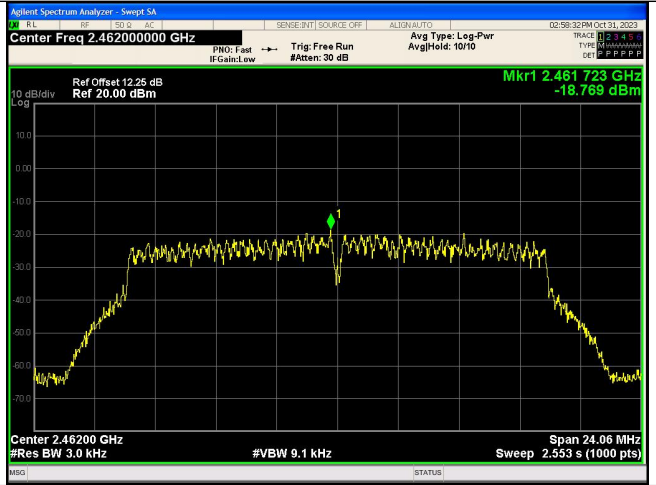
IEEE 802.11b_Channel 11_20MHz_Antenna 0



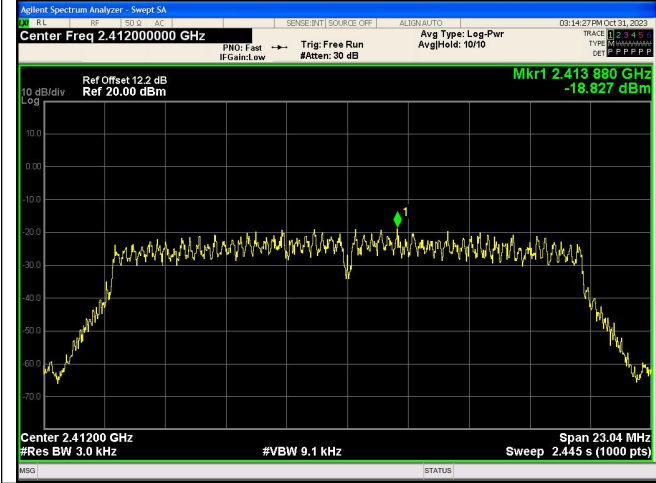
IEEE 802.11g_Channel 1_20MHz_Antenna 0



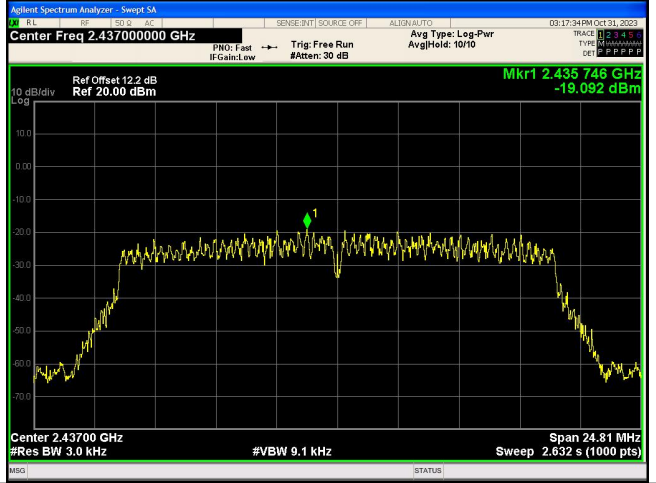
IEEE 802.11g_Channel 6_20MHz_Antenna 0



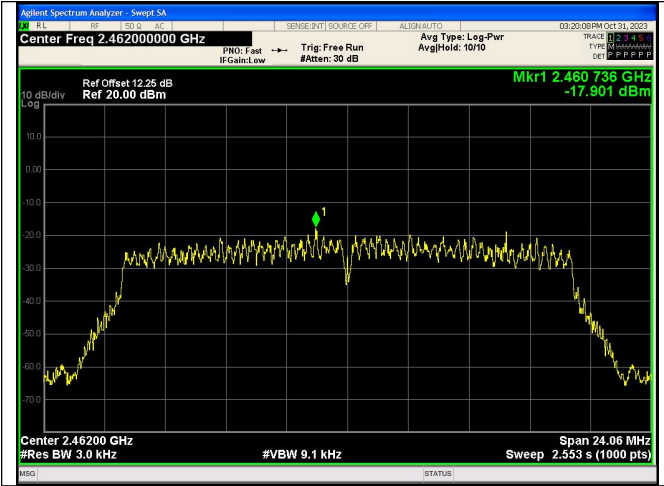
IEEE 802.11g_Channel 11_20MHz_Antenna 0



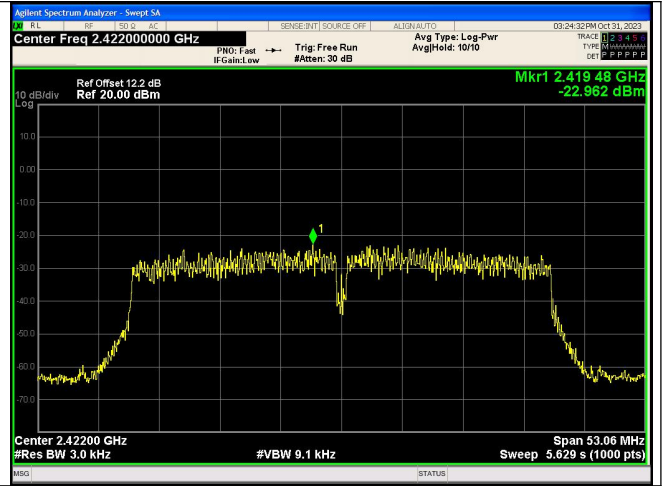
IEEE 802.11n_Channel 1_20MHz_Antenna 0



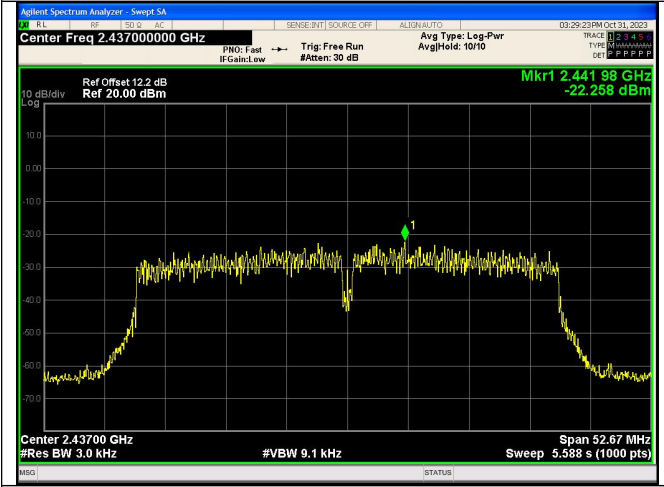
IEEE 802.11n_Channel 6_20MHz_Antenna 0



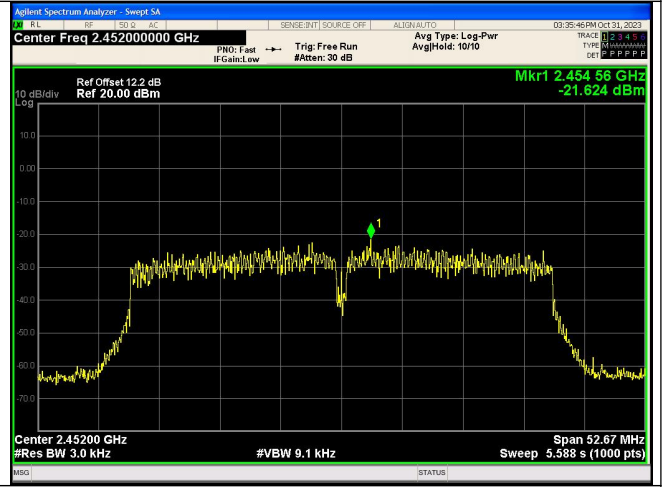
IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0



IEEE 802.11n_Channel 9_40MHz_Antenna 0

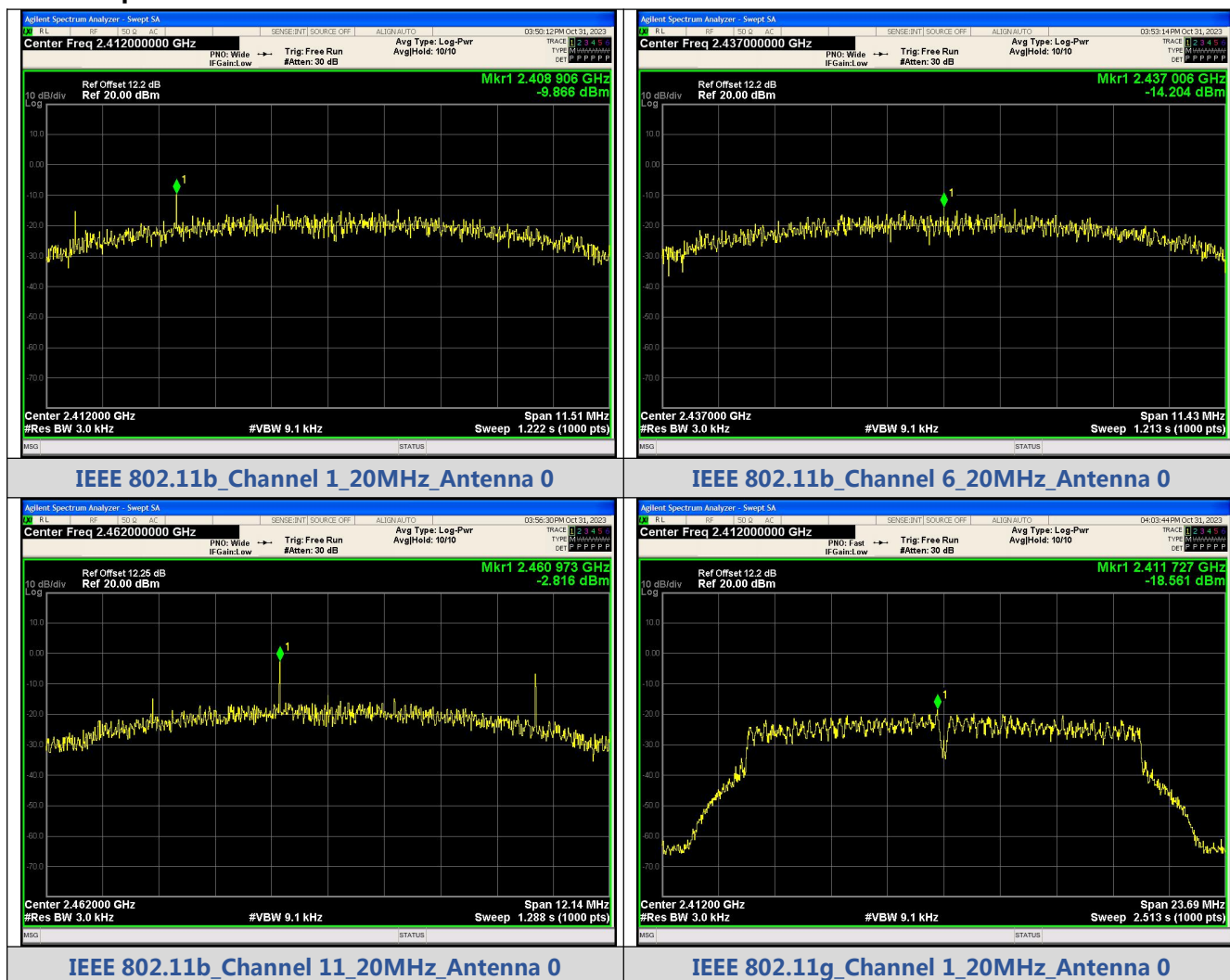
Antenna 2:

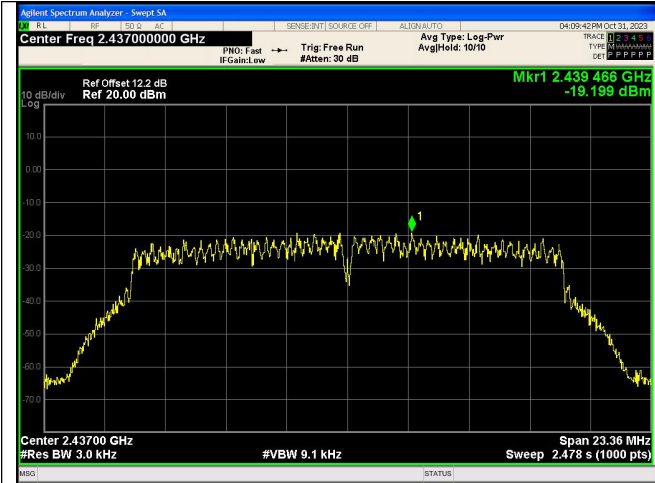
Test Result

Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-9.866	8	PASS
	6	-14.204		PASS
	11	-2.816		PASS
IEEE 802.11g	1	-18.561		PASS
	6	-19.199		PASS
	11	-18.380		PASS
IEEE 802.11n_20	1	-19.062		PASS
	6	-17.964		PASS
	11	-18.194		PASS
IEEE 802.11n_40	3	-22.430		PASS
	6	-22.226		PASS
	9	-23.035		PASS

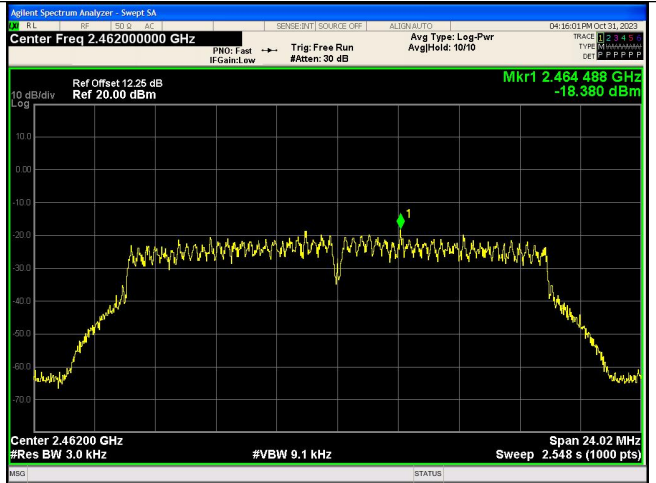
Note1:Antenna Gain: Ant1: 4.27dBi; Ant2: 4.24dBi;

Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

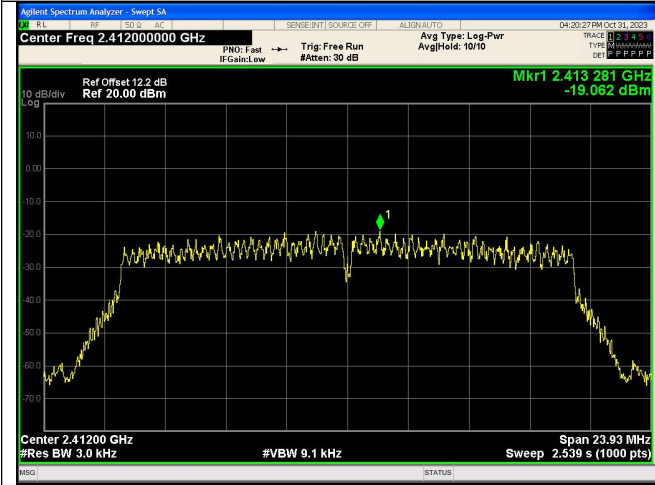
Test Graphs



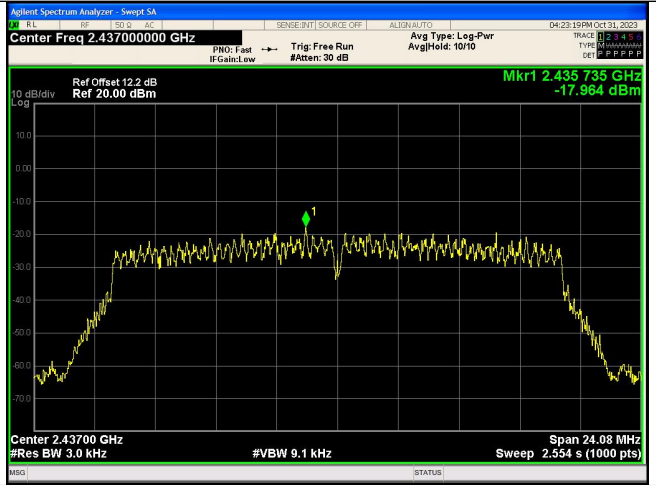
IEEE 802.11g_Channel 6_20MHz_Antenna 0



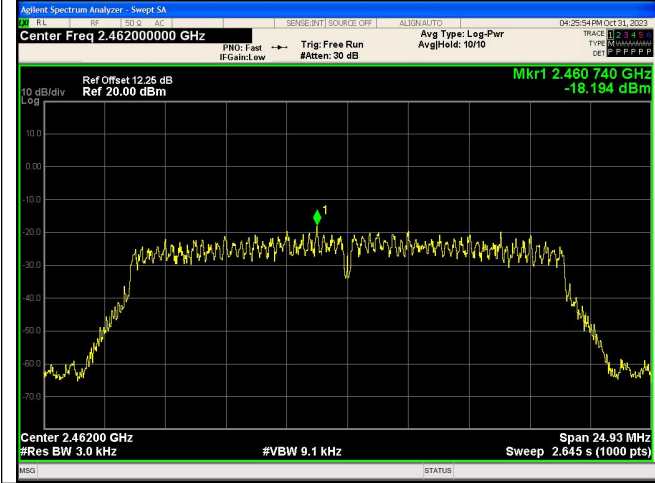
IEEE 802.11g_Channel 11_20MHz_Antenna 0



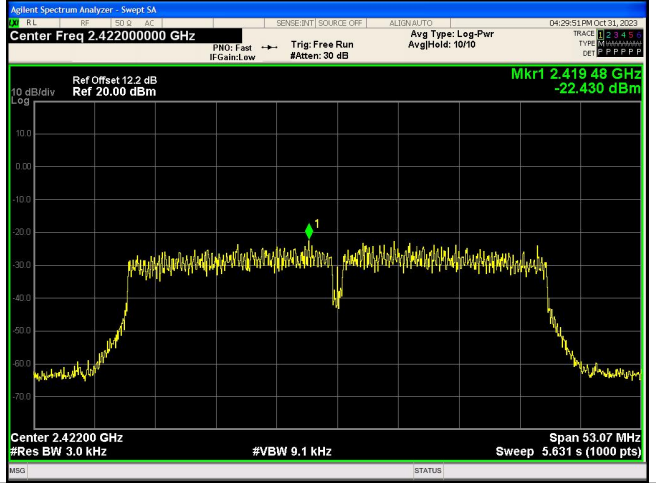
IEEE 802.11n_Channel 1_20MHz_Antenna 0



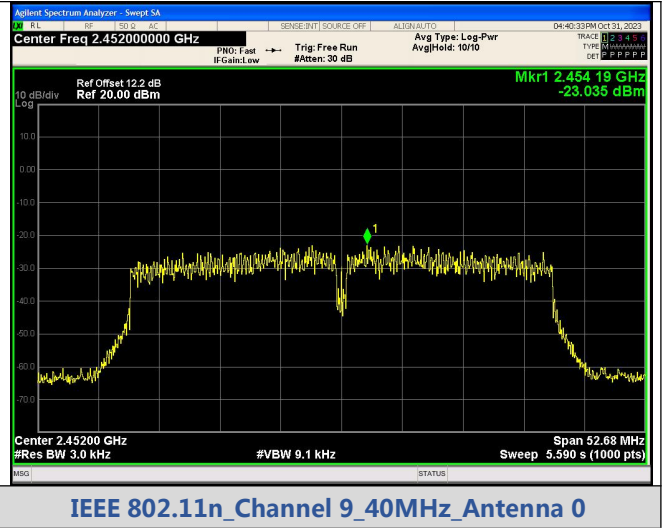
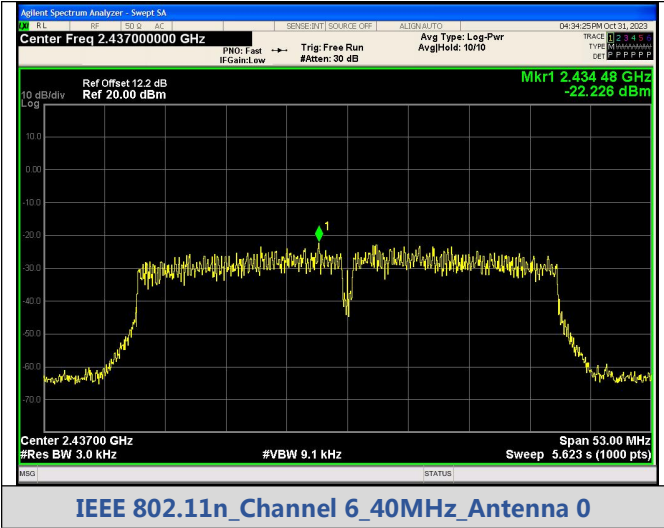
IEEE 802.11n_Channel 6_20MHz_Antenna 0



IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



Antenna 1+2:

Test Result

Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11n_20	1	-15.93	8	PASS
	6	-15.48		PASS
	11	-15.03		PASS
IEEE 802.11n_40	3	-19.68		PASS
	6	-19.23		PASS
	9	-19.26		PASS

Note1:Antenna Gain: Ant1: 4.27dBi; Ant2: 4.24dBi;

Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

***** End of Report *****