



Appendix C Radiated Spurious Emission Test Data

Test Engineer :	Shunping You	Relative Humidity :	48~49%
		Temperature :	24-25°C

Radiated Spurious Emission Test Modes

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	2400-2483.5	22	Bluetooth BR_GFSK	00	2402	1DH5	-	-
Mode 2	2400-2483.5	22	Bluetooth BR_GFSK	39	2441	1DH5	-	-
Mode 3	2400-2483.5	22	Bluetooth BR_GFSK	78	2480	1DH5	-	-
Mode 4	2400-2483.5	22	Bluetooth BR_GFSK	78	2480	1DH5	-	LF

Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	Bluetooth BR_GFSK	00	2388.84	47.13	74.00	-26.87	H	PEAK	Pass	Band Edge
1	Bluetooth BR_GFSK	00	4804.00	42.08	74.00	-31.92	H	Peak	Pass	Harmonic
2	Bluetooth BR_GFSK	39	-	-	-	-	-	-	-	Band Edge
2	Bluetooth BR_GFSK	39	7323.00	44.37	74.00	-29.63	H	Peak	Pass	Harmonic
3	Bluetooth BR_GFSK	78	2483.54	61.49	74.00	-12.51	H	PEAK	Pass	Band Edge
3	Bluetooth BR_GFSK	78	7440.00	44.25	74.00	-29.75	H	Peak	Pass	Harmonic
4	Bluetooth BR_GFSK	78	33.88	26.2	40	-13.8	V	Peak	Pass	LF



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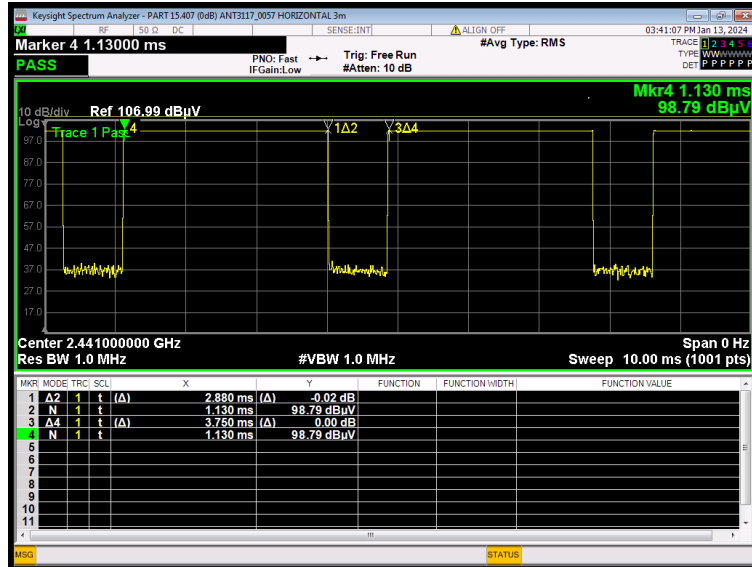


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6	869.05	31.12	-14.88	46.00	33.57	28.73	3.12	34.30	---	Peak																																																																																																																																																		
Peak	Freq (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	ReadAntenna Level (dBuV)	Cable Loss Factor (dB/m)	Preamp Loss Factor (dB)	A/Pos (cm)	T/Pos (deg)	Remark																																																																																																																																																		
1	33.88	26.20	-13.80	40.00	42.07	18.46	0.57	34.90	---	Peak																																																																																																																																																		
2	140.58	23.85	-19.65	43.50	39.13	18.20	1.24	34.72	---	Peak																																																																																																																																																		
3	194.90	23.34	-20.16	43.50	40.29	16.28	1.47	34.70	---	Peak																																																																																																																																																		
4	282.20	22.09	-23.91	46.00	36.42	18.57	1.74	34.64	---	Peak																																																																																																																																																		
5	601.33	26.99	-19.01	46.00	32.89	26.09	2.61	34.60	---	Peak																																																																																																																																																		
6	933.07	30.17	-15.83	46.00	31.87	29.38	3.22	34.30	---	Peak																																																																																																																																																		

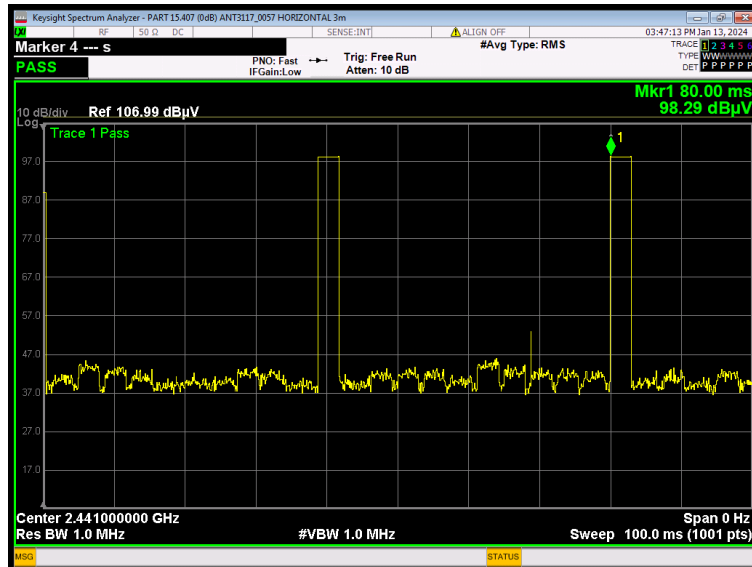


Appendix D. Duty Cycle Plots

DH5 on time (One Pulse) Plot on Channel 39



DH5 on time (Count Pulses) Plot on Channel 39



Note:

1. Worst case Duty cycle = on time/100 milliseconds = 2 * 2.88 / 100 = 5.76 %
2. Worst case Duty cycle correction factor = 20*log(Duty cycle) = -24.79 dB
3. DH5 has the highest duty cycle worst case and is reported.